

 GeniE V7.9-04	Report: 052400BZCZ00001_PRDE	Report: Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium	Date: 05/08/2019

1 Open Profiles Beams Check – Medium Consequence Factor : Frame Code Check

Description : Capacity Manager

1.1 ver_profil_4.run(1) : Frame Code Check

Description : AISC Load and Resistance Factor Design 2005

General options

Code	AISC LRFD 15th
Resistance Factor Tension	0.9
Resistance Factor Compression	0.9
Resistance Factor Bending	0.9
Resistance Factor Shear	0.9
Resistance Factor Torsion	0.9
Use Chapter F12.1	false
Exclude torsion	false
Purge position results	false

1.1.1 ver_profil_4.run(1) : Member Result Full

1.1.1.1 ver_profil_4.run(1) : Aisc Member Result

ver_profil_4.run(1) : Aisc Member Result

- Sorted by Member (Ascending)
- Then sorted by LoadCase (Ascending)

- Run : ver_profil_4.run(1)
- Selected LoadCase per Member
- Selected SubCheck per Member
- All Positions along Member

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	Mcz	J
	Cw	frnw	frvw						
Bm1	LC2_MC_125	0.0	0.00	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.041	0.014	0.001	0.013	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	0.727618
	2.16771	-0.253765	-0.877987	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.82395	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00116314	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm1	LC2_MC_125	0.0	0.25	OK	0.05	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.048	0.050	0.001	0.049	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	0.727618
	2.16771	-4.7727	-1.34646	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.82395	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00116314	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm1	LC2_MC_125	0.0	0.50	OK	0.09	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.056	0.091	0.001	0.091	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	0.727618
	2.16771	-10.1928	-1.81495	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.82395	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00116314	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm1	LC2_MC_125	0.0	0.75	OK	0.14	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.063	0.140	0.001	0.139	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	0.727618
	2.16771	-16.7392	-2.28345	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.82395	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00116314	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm1	LC2_MC_125	0.0	1.00	OK	0.19	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.071	0.195	0.001	0.194	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	0.727618
	2.16771	-24.1864	-2.75192	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.82395	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00116314	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm1	LC5_MC_075	0.0	0.00	OK	0.03	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.030	0.020	0.001	0.020	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	0.895288
	-2.4327	-0.262924	1.336	0	0	1.00009	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.82125	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.00141913	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm1	LC5_MC_075	0.0	0.25	OK	0.05	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.038	0.049	0.001	0.048	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	0.895288
	-2.4327	-4.85155	1.24856	0	0	1.00009	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.82125	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.00141913	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm1	LC5_MC_075	0.0	0.50	OK	0.08	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.045	0.084	0.001	0.083	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	0.895288
	-2.4327	-10.3414	1.16113	0	0	1.00009	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.82125	0	0	2.50718	0	170.507	2	83.4467



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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	297	1	5.34	990	1714.22	0.00141913	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm1	LC5_MC_075	0.0	0.75	OK	0.13	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.053	0.126	0.001	0.125	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	0.895288
	-2.4327	-16.9577	1.07369	0	0	1.00009	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.82125	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.00141913	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm1	LC5_MC_075	0.0	1.00	OK	0.17	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.061	0.173	0.001	0.173	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	0.895288
	-2.4327	-24.4748	0.986261	0	0	1.00009	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.82125	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.00141913	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm2	LC2_MC_125	0.0	0.00	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.038	0.026	0.001	0.025	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-2.3103	-0.279068	-1.73666	0	0	1.00008	1.00022	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.78243	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.00134773	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm2	LC2_MC_125	0.0	0.29	OK	0.05	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.047	0.053	0.001	0.053	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.28999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-2.3103	-5.86588	-1.07968	0	0	1.00008	1.00022	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.78243	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.00134773	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm2	LC2_MC_125	0.0	0.29	OK	0.05	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.046	0.044	0.001	0.043	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.29001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-3.34901	-5.76505	-0.433125	0	0	1.00012	1.00032	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.78243	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.00195367	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm2	LC2_MC_125	0.0	0.54	OK	0.09	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.053	0.087	0.001	0.086	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.53999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-3.34901	-11.985	-0.56501	0	0	1.00012	1.00032	28568.3	10368.4



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.78243	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.00195367	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm2	LC2_MC_125	0.0	0.54	OK	0.08	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.060	0.083	0.001	0.082	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.54001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-3.80685	-11.9681	-0.305388	0	0	1.00013	1.00037	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.78243	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.00222075	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm2	LC2_MC_125	0.0	0.75	OK	0.13	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.066	0.130	0.001	0.129	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-3.80685	-18.2589	-0.725239	0	0	1.00013	1.00037	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.78243	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.00222075	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm2	LC2_MC_125	0.0	1.00	OK	0.19	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.074	0.191	0.001	0.190	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-3.80685	-26.6604	-1.22507	0	0	1.00013	1.00037	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.78243	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.00222075	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm2	LC5_MC_075	0.0	0.00	OK	0.06	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.056	0.019	0.001	0.018	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	2.08253	-0.265968	1.21983	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.78052	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00111743	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm2	LC5_MC_075	0.0	0.29	OK	0.06	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.065	0.049	0.001	0.048	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.28999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	2.08253	-5.72999	0.819113	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.78052	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00111743	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm2	LC5_MC_075	0.0	0.29	OK	0.05	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.051	0.046	0.001	0.045	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.29001	275000



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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	2	2	2	2	1	2	1	1
	2.61443	-5.83551	0.514405	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.78056	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00140284	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm2	LC5_MC_075	0.0	0.54	OK	0.10	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.058	0.096	0.001	0.095	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.53999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	2.61443	-11.935	1.2897	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.78056	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00140284	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm2	LC5_MC_075	0.0	0.54	OK	0.09	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.054	0.094	0.001	0.093	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.54001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	2.93867	-12.0127	1.11692	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.78059	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00157681	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm2	LC5_MC_075	0.0	0.75	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.060	0.147	0.001	0.146	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	2.93867	-18.1736	2.05558	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.78059	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00157681	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm2	LC5_MC_075	0.0	1.00	OK	0.22	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.068	0.215	0.001	0.214	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	2.93867	-26.4205	3.17305	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.78059	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00157681	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm3	LC2_MC_125	0.0	0.00	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.037	0.035	0.001	0.034	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	1e-05	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-3.11107	-0.161672	2.49146	0	0	1.00011	1.00007	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.02319	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1742.3	0.00178561	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm3	LC2_MC_125	0.0	0.24	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.044	0.031	0.001	0.030	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.23999	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-3.11107	-3.99283	-0.285947	0	0	1.00011	1.00007	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.02319	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1742.3	0.00178561	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm3	LC2_MC_125	0.0	0.24	OK	0.05	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.047	0.037	0.001	0.036	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.24001	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-3.66226	-3.97221	-0.757349	0	0	1.00013	1.00009	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.02319	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1742.3	0.00210197	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm3	LC2_MC_125	0.0	0.50	OK	0.07	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.055	0.071	0.001	0.070	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.49999	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-3.66226	-9.63306	-0.538267	0	0	1.00013	1.00009	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.02319	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1742.3	0.00210197	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm3	LC2_MC_125	0.0	0.50	OK	0.07	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.065	0.072	0.002	0.071	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.50001	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-5.50873	-9.57631	0.61935	0	0	1.00019	1.00013	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.02319	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1742.3	0.00316175	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm3	LC2_MC_125	0.0	0.75	OK	0.14	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.073	0.141	0.002	0.140	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.75	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-5.50873	-18.7568	1.31826	0	0	1.00019	1.00013	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.02319	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1742.3	0.00316175	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm3	LC2_MC_125	0.0	1.00	OK	0.22	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.080	0.217	0.002	0.216	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.99999	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-5.50873	-28.9511	2.01717	0	0	1.00019	1.00013	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.02319	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1742.3	0.00316175	153.456	75.102	4.9131e-07



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	1.71213e-07	0	0						
Bm3	LC5_MC_075	0.0	0.00	OK	0.05	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.050	0.033	0.001	0.033	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	1e-05	275000
	2.1e+08	2	1	2	2	1	2	1	1
	3.23407	-0.139596	-2.37448	0	0	1	1	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.05073	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00173532	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm3	LC5_MC_075	0.0	0.24	OK	0.06	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.057	0.028	0.001	0.027	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.23999	275000
	2.1e+08	2	1	2	2	1	2	1	1
	3.23407	-3.83964	0.123732	0	0	1	1	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.05073	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00173532	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm3	LC5_MC_075	0.0	0.24	OK	0.04	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.040	0.034	0.001	0.033	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.24001	275000
	2.1e+08	2	1	2	2	1	2	1	1
	3.80277	-3.84826	0.611141	0	0	1	1	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.05078	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00204047	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm3	LC5_MC_075	0.0	0.50	OK	0.07	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.048	0.070	0.001	0.069	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.49999	275000
	2.1e+08	2	1	2	2	1	2	1	1
	3.80277	-9.30148	0.655652	0	0	1	1	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.05078	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00204047	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm3	LC5_MC_075	0.0	0.50	OK	0.08	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.079	0.069	0.002	0.067	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.50001	275000
	2.1e+08	2	1	2	2	1	2	1	1
	5.66535	-9.35345	-0.48993	0	0	1	1	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.05097	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00303988	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm3	LC5_MC_075	0.0	0.75	OK	0.14	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.087	0.144	0.002	0.142	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.75	275000
	2.1e+08	2	1	2	2	1	2	1	1
	5.66535	-18.8308	-1.48471	0	0	1	1	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISIdC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISIdF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	257091	2.05097	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00303988	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm3	LC5_MC_075	0.0	1.00	OK	0.23	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.095	0.226	0.002	0.224	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.99999	275000
	2.1e+08	2	1	2	2	1	2	1	1
	5.66535	-29.3217	-2.47949	0	0	1	1	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.05097	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00303988	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm4	LC2_MC_125	0.0	0.00	OK	0.04	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.032	0.037	0.001	0.036	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	1e-05	275000
	2.1e+08	2	1	2	2	1	2	1	1
	3.28887	-0.134932	2.61945	0	0	1	1	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.02109	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00176472	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm4	LC2_MC_125	0.0	0.25	OK	0.04	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.040	0.041	0.001	0.040	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.25	275000
	2.1e+08	2	1	2	2	1	2	1	1
	3.28887	-3.88076	1.09408	0	0	1	1	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.02109	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00176472	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm4	LC2_MC_125	0.0	0.50	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.047	0.063	0.001	0.062	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.49999	275000
	2.1e+08	2	1	2	2	1	2	1	1
	3.28887	-8.64018	-0.431286	0	0	1	1	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.02109	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00176472	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm4	LC2_MC_125	0.0	0.50	OK	0.07	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.072	0.070	0.001	0.069	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.50001	275000
	2.1e+08	2	1	2	2	1	2	1	1
	5.01358	-8.68933	0.935279	0	0	1	1	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.02126	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00269016	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm4	LC2_MC_125	0.0	0.75	OK	0.12	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.080	0.116	0.001	0.115	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.75	275000
	2.1e+08	2	1	2	2	1	2	1	1



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Member	LoadCase	Phase	Position	Status	UFTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	5.01358	-17.0857	-0.276707	0	0	1	1	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.02126	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00269016	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm4	LC2_MC_125	0.0	1.00	OK	0.19	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.087	0.194	0.001	0.192	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.99999	275000
	2.1e+08	2	1	2	2	1	2	1	1
	5.01358	-26.4956	-1.48869	0	0	1	1	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.02126	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00269016	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm4	LC5_MC_075	0.0	0.00	OK	0.04	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.025	0.040	0.001	0.039	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	1e-05	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-2.90266	-0.147952	-2.88442	0	0	1.0001	1.00007	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.0047	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1742.3	0.00166599	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm4	LC5_MC_075	0.0	0.25	OK	0.04	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.033	0.043	0.001	0.042	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.25	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-2.90266	-3.96481	-1.20391	0	0	1.0001	1.00007	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.0047	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1742.3	0.00166599	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm4	LC5_MC_075	0.0	0.50	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.041	0.064	0.001	0.064	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.49999	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-2.90266	-8.79535	0.4766	0	0	1.0001	1.00007	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.0047	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1742.3	0.00166599	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm4	LC5_MC_075	0.0	0.50	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.058	0.071	0.001	0.070	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.50001	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-4.51821	-8.74621	-0.960059	0	0	1.00016	1.00011	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.0047	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1742.3	0.00259324	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm4	LC5_MC_075	0.0	0.75	OK	0.12	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.065	0.115	0.001	0.114	0.000	0.000	0.000	0.000	38.7972



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	23.373	0	0.499742	0.0726496	0.51	0	0	0.75	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-4.51821	-16.9467	0.256664	0	0	1.00016	1.00011	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.0047	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1742.3	0.00259324	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm4	LC5_MC_075	0.0	1.00	OK	0.19	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.073	0.191	0.001	0.190	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.99999	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-4.51821	-26.161	1.47339	0	0	1.00016	1.00011	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.0047	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1742.3	0.00259324	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm5	LC2_MC_125	0.0	0.00	OK	0.31	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.041	0.305	0.002	0.304	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	1.23584	0.126422	1.40623	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.3749	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00311976	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm5	LC2_MC_125	0.0	0.24	OK	0.28	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.041	0.279	0.002	0.278	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.23999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	1.23584	0.373402	-1.22942	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.3749	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00311976	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm5	LC2_MC_125	0.0	0.24	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.017	0.071	0.001	0.071	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.24001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.259529	0.339463	0.257714	0	0	1.0001	1.00112	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.36861	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00144761	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm5	LC2_MC_125	0.0	0.50	OK	0.04	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.021	0.039	0.001	0.038	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.259529	-0.549285	0.0589897	0	0	1.0001	1.00112	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.36861	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00144761	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						



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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm5	LC2_MC_125	0.0	0.75	OK	0.11	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.026	0.105	0.001	0.104	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.259529	-1.62167	-0.132099	0	0	1.0001	1.00112	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.36861	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00144761	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm5	LC2_MC_125	0.0	1.00	OK	0.21	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.030	0.206	0.001	0.206	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.259529	-2.90944	-0.32318	0	0	1.0001	1.00112	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.36861	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00144761	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm5	LC5_MC_075	0.0	0.00	OK	0.32	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.051	0.317	0.000	0.317	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.0131199	0.115864	-1.47143	0	0	1	1.00006	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.33783	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	7.31809e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm5	LC5_MC_075	0.0	0.24	OK	0.30	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.051	0.297	0.000	0.297	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.23999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.0131199	0.650164	1.25658	0	0	1	1.00006	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.33783	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	7.31809e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm5	LC5_MC_075	0.0	0.24	OK	0.09	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.029	0.085	0.003	0.083	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.24001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	2.14194	0.57218	-0.263268	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.34858	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00540712	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm5	LC5_MC_075	0.0	0.50	OK	0.04	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.033	0.044	0.003	0.042	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	2.14194	-0.617503	-0.0588451	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.34858	0	0	0.814114	3.0515	23.5829	2	5.24755



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	108.57	1	5.34	166.221	396.134	0.00540712	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm5	LC5_MC_075	0.0	0.75	OK	0.13	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.038	0.125	0.003	0.122	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	2.14194	-1.97924	0.137723	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.34858	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00540712	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm5	LC5_MC_075	0.0	1.00	OK	0.24	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.042	0.241	0.003	0.238	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	2.14194	-3.55633	0.334284	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.34858	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00540712	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm6	LC2_MC_125	0.0	0.00	OK	0.46	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.071	0.461	0.001	0.459	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.506941	0.00135909	-2.16886	0	0	1.00019	1.00219	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.57075	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00282764	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm6	LC2_MC_125	0.0	0.20	OK	0.42	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.071	0.416	0.001	0.415	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.19999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.506941	-0.184965	1.91827	0	0	1.00019	1.00219	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.57075	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00282764	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm6	LC2_MC_125	0.0	0.20	OK	0.21	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.012	0.206	0.002	0.204	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.20001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.847147	-0.120563	-0.934351	0	0	1.00031	1.00366	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.57075	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00472525	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm6	LC2_MC_125	0.0	0.50	OK	0.05	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.012	0.049	0.002	0.047	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.847147	0.109076	-0.197159	0	0	1.00031	1.00366	2721.81	232.372



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.57075	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00472525	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm6	LC2_MC_125	0.0	0.60	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.019	0.002	0.016	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.6	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.847147	0.124321	0.0485797	0	0	1.00031	1.00366	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.57075	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00472525	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm6	LC2_MC_125	0.0	0.75	OK	0.09	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.094	0.002	0.092	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.847147	0.0705579	0.417188	0	0	1.00031	1.00366	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.57075	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00472525	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm6	LC2_MC_125	0.0	1.00	OK	0.23	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.229	0.002	0.227	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.847147	-0.182514	1.03151	0	0	1.00031	1.00366	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.57075	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00472525	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm6	LC5_MC_075	0.0	0.00	OK	0.44	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.067	0.439	0.002	0.437	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.794247	0.0198804	2.05943	0	0	1.00029	1.00343	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.41257	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00443018	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm6	LC5_MC_075	0.0	0.20	OK	0.39	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.067	0.390	0.002	0.388	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.19999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.794247	0.0380459	-1.82334	0	0	1.00029	1.00343	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.41257	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00443018	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm6	LC5_MC_075	0.0	0.20	OK	0.20	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.008	0.196	0.003	0.193	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.20001	275000



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Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	2	2	2	2	1	2	1	1
	-1.09828	0.0784738	0.895693	0	0	1.0004	1.00475	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.41257	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00612601	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm6	LC5_MC_075	0.0	0.47	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.008	0.069	0.003	0.066	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.466667	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-1.09828	0.222282	0.262889	0	0	1.0004	1.00475	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.41257	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00612601	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm6	LC5_MC_075	0.0	0.75	OK	0.09	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.008	0.095	0.003	0.092	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-1.09828	0.103021	-0.40949	0	0	1.0004	1.00475	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.41257	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00612601	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm6	LC5_MC_075	0.0	1.00	OK	0.23	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.009	0.226	0.003	0.223	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-1.09828	-0.225797	-1.00274	0	0	1.0004	1.00475	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.41257	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00612601	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm7	LC2_MC_125	0.0	0.00	OK	0.57	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.084	0.568	0.003	0.566	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.911614	-0.0241351	-2.66603	0	0	1.00034	1.00394	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.94793	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00508484	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm7	LC2_MC_125	0.0	0.20	OK	0.52	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.084	0.517	0.003	0.514	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.19999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.911614	-0.416792	2.33459	0	0	1.00034	1.00394	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.94793	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00508484	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm7	LC2_MC_125	0.0	0.20	OK	0.25	ufH1	Geom OK	AISC member	ver_profil_4.run(1)



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Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.011	0.251	0.003	0.248	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.20001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-1.15306	-0.362271	-1.08833	0	0	1.00042	1.00499	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.94793	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00643159	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm7	LC2_MC_125	0.0	0.50	OK	0.08	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.011	0.081	0.003	0.078	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-1.15306	-0.628516	-0.226203	0	0	1.00042	1.00499	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.94793	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00643159	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm7	LC2_MC_125	0.0	0.75	OK	0.16	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.013	0.158	0.003	0.155	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-1.15306	-1.08031	0.49226	0	0	1.00042	1.00499	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.94793	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00643159	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm7	LC2_MC_125	0.0	1.00	OK	0.34	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.017	0.342	0.003	0.339	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-1.15306	-1.74667	1.21069	0	0	1.00042	1.00499	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.94793	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00643159	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm7	LC5_MC_075	0.0	0.00	OK	0.56	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.083	0.559	0.001	0.558	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.37201	-0.0111058	2.63333	0	0	1.00014	1.0016	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.93713	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00207501	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm7	LC5_MC_075	0.0	0.20	OK	0.51	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.083	0.509	0.001	0.508	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.19999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.37201	-0.428528	-2.30589	0	0	1.00014	1.0016	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.93713	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00207501	21.2246	4.72279	2.03549e-08



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	1.98619e-09	0	0						
Bm7	LC5_MC_075	0.0	0.20	OK	0.25	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.011	0.246	0.002	0.244	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.20001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.684785	-0.37131	1.07032	0	0	1.00025	1.00296	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.93713	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00381963	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm7	LC5_MC_075	0.0	0.50	OK	0.08	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.011	0.079	0.002	0.077	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.684785	-0.630369	0.222242	0	0	1.00025	1.00296	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.93713	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00381963	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm7	LC5_MC_075	0.0	0.75	OK	0.16	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.012	0.155	0.002	0.153	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.684785	-1.07614	-0.484511	0	0	1.00025	1.00296	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.93713	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00381963	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm7	LC5_MC_075	0.0	1.00	OK	0.34	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.017	0.336	0.002	0.334	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.684785	-1.73643	-1.19123	0	0	1.00025	1.00296	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.93713	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00381963	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm8	LC2_MC_125	0.0	0.00	OK	0.39	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.056	0.388	0.006	0.382	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	4.58092	0.176142	-1.76401	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.5559	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0115641	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm8	LC2_MC_125	0.0	0.20	OK	0.30	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.056	0.302	0.006	0.296	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.19999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	4.58092	-0.00549953	1.398	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	124459	1.5559	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0115641	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm8	LC2_MC_125	0.0	0.20	OK	0.25	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.023	0.248	0.013	0.235	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.20001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	10.5265	0.05503	-1.09575	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.5753	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0265731	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm8	LC2_MC_125	0.0	0.45	OK	0.14	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.023	0.136	0.013	0.123	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.44999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	10.5265	0.0705006	0.564804	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.5753	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0265731	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm8	LC2_MC_125	0.0	0.45	OK	0.18	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.014	0.176	0.010	0.167	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.45001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	7.86054	0.111692	-0.761806	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.56663	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0198431	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm8	LC2_MC_125	0.0	0.75	OK	0.09	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.014	0.088	0.010	0.078	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	7.86054	0.125594	0.341759	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.56663	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0198431	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm8	LC2_MC_125	0.0	1.00	OK	0.28	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.014	0.281	0.010	0.272	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	7.86054	-0.0945415	1.26139	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.56663	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0198431	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm8	LC5_MC_075	0.0	0.00	OK	0.42	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.057	0.418	0.015	0.403	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	-5.49489	-0.110883	1.87833	0	0	1.00202	1.02422	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.58579	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0306496	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm8	LC5_MC_075	0.0	0.20	OK	0.34	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.057	0.336	0.015	0.321	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.19999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-5.49489	-0.16392	-1.47777	0	0	1.00202	1.02422	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.58579	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0306496	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm8	LC5_MC_075	0.0	0.20	OK	0.30	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.029	0.304	0.033	0.271	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.20001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-11.8993	-0.11561	1.25384	0	0	1.00439	1.05397	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.58579	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0663724	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm8	LC5_MC_075	0.0	0.45	OK	0.18	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.029	0.180	0.033	0.147	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.44999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-11.8993	-0.1013	-0.669679	0	0	1.00439	1.05397	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.58579	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0663724	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm8	LC5_MC_075	0.0	0.45	OK	0.19	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.015	0.191	0.025	0.166	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.45001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-9.12514	-0.0722483	0.766956	0	0	1.00336	1.04087	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.58579	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0508986	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm8	LC5_MC_075	0.0	0.54	OK	0.12	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.015	0.119	0.025	0.093	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.541667	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-9.12514	-0.0666058	0.425324	0	0	1.00336	1.04087	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.58579	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0508986	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm8	LC5_MC_075	0.0	0.75	OK	0.11	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.015	0.108	0.025	0.082	0.000	0.000	0.000	0.000	119.482



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-9.12514	-0.164751	-0.351197	0	0	1.00336	1.04087	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.58579	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0508986	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm8	LC5_MC_075	0.0	1.00	OK	0.32	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.015	0.319	0.025	0.294	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-9.12514	-0.474336	-1.28299	0	0	1.00336	1.04087	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.58579	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0508986	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm9	LC2_MC_125	0.0	0.00	OK	0.27	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.044	0.266	0.001	0.264	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	1.1134	0.100112	1.22542	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.26764	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00281068	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm9	LC2_MC_125	0.0	0.24	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.044	0.149	0.001	0.148	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.23999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	1.1134	-0.000244783	-0.698563	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.26764	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00281068	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm9	LC2_MC_125	0.0	0.24	OK	0.21	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.127	0.214	0.008	0.206	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.24001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	6.55666	0.0416466	0.96352	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.29393	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0165516	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm9	LC2_MC_125	0.0	0.29	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.127	0.153	0.008	0.145	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.28999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	6.55666	-0.10349	-0.660271	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.29393	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0165516	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						



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Report:
052400BZCZ00001_PRDEReport:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: MediumDate:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm9	LC2_MC_125	0.0	0.29	OK	0.08	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.045	0.079	0.006	0.073	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.29001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	4.57491	-0.121867	0.318719	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.28439	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0115489	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm9	LC2_MC_125	0.0	0.39	OK	0.17	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.045	0.170	0.006	0.164	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.38999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	4.57491	-0.506405	-0.661242	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.28439	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0115489	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm9	LC2_MC_125	0.0	0.39	OK	0.05	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.026	0.048	0.004	0.045	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.39001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	2.96036	-0.547606	0.0892624	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.2766	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00747314	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm9	LC2_MC_125	0.0	0.50	OK	0.06	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.028	0.055	0.004	0.051	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	2.96036	-0.952625	0.0304288	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.2766	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00747314	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm9	LC2_MC_125	0.0	0.75	OK	0.12	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.032	0.121	0.004	0.117	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	2.96036	-2.02837	-0.103296	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.2766	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00747314	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm9	LC2_MC_125	0.0	1.00	OK	0.21	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.037	0.210	0.004	0.206	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	2.96036	-3.31201	-0.237016	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.2766	0	0	0.814114	3.0515	23.5829	2	5.24755



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	108.57	1	5.34	166.221	396.134	0.00747314	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm9	LC5_MC_075	0.0	0.00	OK	0.25	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.033	0.255	0.000	0.255	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.0124979	0.0538897	-1.19149	0	0	1	1.00005	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.12839	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	6.97113e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm9	LC5_MC_075	0.0	0.24	OK	0.16	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.033	0.160	0.000	0.159	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.23999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.0124979	-0.15866	0.717943	0	0	1	1.00005	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.12839	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	6.97113e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm9	LC5_MC_075	0.0	0.24	OK	0.20	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.126	0.198	0.014	0.184	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.24001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-5.08485	-0.139609	-0.839373	0	0	1.00187	1.02237	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.12839	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0283625	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm9	LC5_MC_075	0.0	0.29	OK	0.17	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.126	0.171	0.014	0.157	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.28999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-5.08485	-0.2756	0.679031	0	0	1.00187	1.02237	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.12839	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0283625	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm9	LC5_MC_075	0.0	0.29	OK	0.10	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.036	0.095	0.009	0.087	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.29001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-3.05277	-0.300434	-0.343551	0	0	1.00112	1.01331	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.12839	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0170279	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm9	LC5_MC_075	0.0	0.39	OK	0.18	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.036	0.179	0.009	0.170	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.38999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-3.05277	-0.586152	0.672882	0	0	1.00112	1.01331	2721.81	232.372



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.12839	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0170279	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm9	LC5_MC_075	0.0	0.39	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.015	0.057	0.004	0.053	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.39001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-1.4006	-0.620717	-0.110893	0	0	1.00051	1.00606	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.12839	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00781231	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm9	LC5_MC_075	0.0	0.50	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.016	0.057	0.004	0.053	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-1.4006	-0.904408	-0.0485582	0	0	1.00051	1.00606	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.12839	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00781231	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm9	LC5_MC_075	0.0	0.75	OK	0.10	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.021	0.104	0.004	0.100	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-1.4006	-1.70446	0.093124	0	0	1.00051	1.00606	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.12839	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00781231	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm9	LC5_MC_075	0.0	1.00	OK	0.18	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.025	0.181	0.004	0.178	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-1.4006	-2.71253	0.234801	0	0	1.00051	1.00606	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.12839	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00781231	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm10	LC2_MC_125	0.0	0.00	OK	0.26	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.014	0.255	0.001	0.254	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	0.218619
	0.816387	-0.698945	-1.04554	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.47447	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00206089	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm10	LC2_MC_125	0.0	0.25	OK	0.12	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.009	0.123	0.001	0.122	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	2	2	2	2	1	2	1	0.218619
	0.816387	-0.183336	-0.534945	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.47447	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00206089	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm10	LC2_MC_125	0.0	0.50	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.008	0.013	0.001	0.012	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	0.218619
	0.816387	0.14078	-0.0243335	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.47447	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00206089	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm10	LC2_MC_125	0.0	0.67	OK	0.08	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.008	0.079	0.001	0.078	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.666667	275000
	2.1e+08	2	2	2	2	1	2	1	0.218619
	0.816387	0.229177	0.316074	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.47447	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00206089	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm10	LC2_MC_125	0.0	0.75	OK	0.11	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.008	0.115	0.001	0.114	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	0.218619
	0.816387	0.225496	0.486278	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.47447	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00206089	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm10	LC2_MC_125	0.0	1.00	OK	0.22	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.008	0.218	0.001	0.217	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	0.218619
	0.816387	0.118701	0.996868	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.47447	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00206089	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm10	LC5_MC_075	0.0	0.00	OK	0.26	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.015	0.258	0.001	0.257	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	0.214453
	-0.483732	-0.626349	1.07274	0	0	1.00018	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.41246	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00269818	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm10	LC5_MC_075	0.0	0.25	OK	0.12	ufH1	Geom OK	AISC member	ver_profil_4.run(1)



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Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.010	0.124	0.001	0.122	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	0.214453
	-0.483732	-0.139312	0.546069	0	0	1.00018	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.41246	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00269818	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm10	LC5_MC_075	0.0	0.50	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.013	0.001	0.011	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	0.214453
	-0.483732	0.156196	0.0193801	0	0	1.00018	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.41246	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00269818	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm10	LC5_MC_075	0.0	0.67	OK	0.08	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.082	0.001	0.081	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.666667	275000
	2.1e+08	2	2	2	2	1	2	1	0.214453
	-0.483732	0.2255	-0.331746	0	0	1.00018	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.41246	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00269818	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm10	LC5_MC_075	0.0	0.75	OK	0.12	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.119	0.001	0.117	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	0.214453
	-0.483732	0.212263	-0.507309	0	0	1.00018	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.41246	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00269818	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm10	LC5_MC_075	0.0	1.00	OK	0.22	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.224	0.001	0.223	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	0.214453
	-0.483732	0.0767865	-1.03398	0	0	1.00018	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.41246	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00269818	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm11	LC2_MC_125	0.0	0.00	OK	0.36	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.019	0.362	0.000	0.362	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	0.2055
	0.00480011	-1.74589	-1.31938	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.38977	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	1.21174e-05	21.2246	4.72279	2.03549e-08



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	1.98619e-09	0	0						
Bm11	LC2_MC_125	0.0	0.25	OK	0.19	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.015	0.187	0.000	0.187	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	0.2055
	0.00480011	-0.979663	-0.664237	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.38977	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	1.21174e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm11	LC2_MC_125	0.0	0.50	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.011	0.021	0.000	0.021	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	0.2055
	0.00480011	-0.404926	-0.0090704	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.38977	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	1.21174e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm11	LC2_MC_125	0.0	0.75	OK	0.14	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.011	0.140	0.000	0.140	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	0.2055
	0.00480011	-0.069587	0.646096	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.38977	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	1.21174e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm11	LC2_MC_125	0.0	1.00	OK	0.28	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.011	0.279	0.000	0.279	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	0.2055
	0.00480011	0.0742312	1.30124	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.38977	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	1.21174e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm11	LC5_MC_075	0.0	0.00	OK	0.36	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.019	0.358	0.000	0.358	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	0.20541
	0.0999695	-1.74314	1.30062	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.39552	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000252363	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm11	LC5_MC_075	0.0	0.25	OK	0.18	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.015	0.185	0.000	0.185	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	0.20541
	0.0999695	-0.976916	0.654721	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	124459	2.39552	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000252363	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm11	LC5_MC_075	0.0	0.50	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.021	0.000	0.021	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	0.20541
	0.0999695	-0.402176	0.00879622	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.39552	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000252363	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm11	LC5_MC_075	0.0	0.75	OK	0.14	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.138	0.000	0.138	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	0.20541
	0.0999695	-0.0668343	-0.637128	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.39552	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000252363	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm11	LC5_MC_075	0.0	1.00	OK	0.28	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.275	0.000	0.275	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	0.20541
	0.0999695	0.0769869	-1.28303	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.39552	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000252363	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm12	LC2_MC_125	0.0	0.00	OK	0.26	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.015	0.263	0.001	0.262	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	0.213312
	-0.253545	-0.633568	-1.09652	0	0	1.00009	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.41303	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00141423	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm12	LC2_MC_125	0.0	0.25	OK	0.13	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.011	0.125	0.001	0.125	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	0.213312
	-0.253545	-0.143156	-0.557393	0	0	1.00009	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.41303	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00141423	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm12	LC2_MC_125	0.0	0.50	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.011	0.012	0.001	0.011	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	0.213312



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	-0.253545	0.155742	-0.0182462	0	0	1.00009	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.41303	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00141423	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm12	LC2_MC_125	0.0	0.67	OK	0.08	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.011	0.084	0.001	0.083	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.666667	275000
	2.1e+08	2	2	2	2	1	2	1	0.213312
	-0.253545	0.227316	0.341185	0	0	1.00009	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.41303	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00141423	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm12	LC2_MC_125	0.0	0.75	OK	0.12	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.011	0.121	0.001	0.120	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	0.213312
	-0.253545	0.215219	0.520901	0	0	1.00009	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.41303	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00141423	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm12	LC2_MC_125	0.0	1.00	OK	0.23	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.011	0.229	0.001	0.228	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	0.213312
	-0.253545	0.0831687	1.06003	0	0	1.00009	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.41303	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00141423	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm12	LC5_MC_075	0.0	0.00	OK	0.25	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.013	0.255	0.001	0.254	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	0.217476
	0.561583	-0.716567	1.03944	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.5297	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00141766	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm12	LC5_MC_075	0.0	0.25	OK	0.12	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.009	0.123	0.001	0.122	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	0.217476
	0.561583	-0.198493	0.531081	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.5297	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00141766	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm12	LC5_MC_075	0.0	0.50	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.012	0.001	0.011	0.000	0.000	0.000	0.000	119.482



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frw						
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	0.217476
	0.561583	0.128087	0.022706	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.5297	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00141766	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm12	LC5_MC_075	0.0	0.67	OK	0.08	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.078	0.001	0.077	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.666667	275000
	2.1e+08	2	2	2	2	1	2	1	0.217476
	0.561583	0.218128	-0.316211	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.5297	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00141766	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm12	LC5_MC_075	0.0	0.75	OK	0.11	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.114	0.001	0.113	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	0.217476
	0.561583	0.215268	-0.485669	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.5297	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00141766	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm12	LC5_MC_075	0.0	1.00	OK	0.22	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.216	0.001	0.216	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	0.217476
	0.561583	0.110938	-0.994023	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.5297	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00141766	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm13	LC2_MC_125	0.0	0.00	OK	0.89	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.212	0.887	0.025	0.862	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	1e-05	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-80.6143	-66.0538	-32.4257	0	0	1.01142	1.00195	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.54987	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0497422	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC2_MC_125	0.0	0.04	OK	0.81	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.209	0.812	0.025	0.787	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.03749	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-80.6143	-58.7687	-30.328	0	0	1.01142	1.00195	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.54987	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0497422	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						



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Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm13	LC2_MC_125	0.0	0.04	OK	0.81	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.209	0.812	0.025	0.787	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.03751	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-80.6143	-58.7648	-30.3269	0	0	1.01142	1.00195	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.54987	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0497422	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC2_MC_125	0.0	0.25	OK	0.40	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.196	0.395	0.025	0.371	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.24999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-80.6143	-19.2069	-18.4349	0	0	1.01142	1.00195	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.54987	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0497422	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC2_MC_125	0.0	0.25	OK	0.43	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.183	0.433	0.024	0.409	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.25001	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-77.3029	-19.2938	-21.2605	0	0	1.01094	1.00187	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.54987	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0476989	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC2_MC_125	0.0	0.47	OK	0.17	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.169	0.151	0.024	0.127	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.47499	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-77.3029	17.4852	0.982657	0	0	1.01094	1.00187	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.54987	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0476989	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC2_MC_125	0.0	0.48	OK	0.22	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.225	0.125	0.023	0.102	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.47501	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-74.4232	14.9429	-0.356	0	0	1.01053	1.0018	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.54987	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.045922	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC2_MC_125	0.0	0.50	OK	0.22	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.225	0.164	0.023	0.141	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.49999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-74.4232	17.3593	2.1172	0	0	1.01053	1.0018	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.54987	0	0	2.50718	12.4428	170.507	2	83.4467



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	297	1	5.34	990	1620.64	0.045922	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC2_MC_125	0.0	0.50	OK	0.15	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.101	0.153	0.024	0.128	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.50001	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-79.2466	17.52	-1.04576	0	0	1.01122	1.00191	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.54987	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0488983	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC2_MC_125	0.0	0.52	OK	0.17	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.100	0.172	0.024	0.147	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.52499	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-79.2466	19.6601	1.44051	0	0	1.01122	1.00191	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.54987	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0488983	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC2_MC_125	0.0	0.53	OK	0.16	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.122	0.159	0.030	0.130	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.52501	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-95.855	19.7041	0.112964	0	0	1.0136	1.00232	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.54987	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0591463	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC2_MC_125	0.0	0.75	OK	0.40	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.135	0.396	0.030	0.367	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.74999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-95.855	-10.3428	22.4908	0	0	1.0136	1.00232	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.54987	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0591463	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC2_MC_125	0.0	0.75	OK	0.36	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.136	0.359	0.029	0.330	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.75001	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-92.5812	-10.4382	19.6963	0	0	1.01313	1.00224	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.54987	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0571262	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC2_MC_125	0.0	0.96	OK	0.70	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.149	0.704	0.029	0.676	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.96249	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-92.5812	-41.7462	30.3224	0	0	1.01313	1.00224	7142.08	41473.7



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.54987	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0571262	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC2_MC_125	0.0	0.96	OK	0.70	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.149	0.704	0.029	0.676	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.96251	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-92.5812	-41.7493	30.3234	0	0	1.01313	1.00224	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.54987	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0571262	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC2_MC_125	0.0	1.00	OK	0.77	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.151	0.767	0.029	0.739	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.99999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-92.5812	-47.5797	32.1978	0	0	1.01313	1.00224	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.54987	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0571262	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC5_MC_075	0.0	0.00	OK	0.69	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.163	0.690	0.023	0.667	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	1e-05	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-74.739	-41.3504	29.8468	0	0	1.01058	1.00181	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65715	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0461169	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC5_MC_075	0.0	0.04	OK	0.63	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.161	0.635	0.023	0.612	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.03749	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-74.739	-35.8439	28.3888	0	0	1.01058	1.00181	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65715	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0461169	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC5_MC_075	0.0	0.04	OK	0.63	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.161	0.635	0.023	0.612	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.03751	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-74.739	-35.841	28.388	0	0	1.01058	1.00181	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65715	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0461169	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC5_MC_075	0.0	0.25	OK	0.33	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.148	0.332	0.023	0.309	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.24999	275000



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	4	1	4	4	1	4	1	1
	-74.739	-6.36507	20.1228	0	0	1.01058	1.00181	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65715	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0461169	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC5_MC_075	0.0	0.25	OK	0.37	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.131	0.370	0.024	0.346	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.25001	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-78.0428	-6.26107	22.9371	0	0	1.01105	1.00189	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65715	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0481554	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC5_MC_075	0.0	0.47	OK	0.16	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.117	0.155	0.024	0.131	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.47499	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-78.0428	19.7315	-0.211523	0	0	1.01105	1.00189	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65715	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0481554	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC5_MC_075	0.0	0.48	OK	0.16	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.113	0.164	0.019	0.144	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.47501	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-62.5871	19.7643	1.16474	0	0	1.00884	1.00151	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65715	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0386187	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC5_MC_075	0.0	0.50	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.114	0.152	0.019	0.133	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.49999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-62.5871	17.534	-1.40415	0	0	1.00884	1.00151	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65715	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0386187	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC5_MC_075	0.0	0.50	OK	0.21	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.213	0.155	0.018	0.137	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.50001	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-57.7472	17.3734	1.77347	0	0	1.00815	1.00139	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65715	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0356323	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC5_MC_075	0.0	0.52	OK	0.21	ufShear	Geom OK	AISC member	ver_profil_4.run(1)



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.213	0.125	0.018	0.108	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.52499	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-57.7472	14.8735	-0.80016	0	0	1.00815	1.00139	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65715	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0356323	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC5_MC_075	0.0	0.53	OK	0.16	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.163	0.141	0.019	0.122	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.52501	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-61.909	17.4741	0.605003	0	0	1.00874	1.0015	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65715	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0382003	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC5_MC_075	0.0	0.75	OK	0.47	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.176	0.473	0.019	0.454	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.74999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-61.909	-23.4731	-22.5842	0	0	1.00874	1.0015	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65715	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0382003	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC5_MC_075	0.0	0.75	OK	0.44	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.183	0.436	0.020	0.415	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.75001	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-65.2297	-23.3819	-19.7533	0	0	1.00922	1.00158	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65715	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0402493	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC5_MC_075	0.0	0.96	OK	0.85	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.195	0.853	0.020	0.833	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.96249	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-65.2297	-64.5923	-30.9163	0	0	1.00922	1.00158	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65715	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0402493	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm13	LC5_MC_075	0.0	0.96	OK	0.85	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.195	0.853	0.020	0.833	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.96251	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-65.2297	-64.5963	-30.9174	0	0	1.00922	1.00158	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65715	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0402493	153.456	75.102	4.9131e-07



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	1.71213e-07	0	0						
Bm13	LC5_MC_075	0.0	1.00	OK	0.93	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.198	0.928	0.020	0.908	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.99999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-65.2297	-72.1722	-32.8865	0	0	1.00922	1.00158	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65715	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0402493	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC2_MC_125	0.0	0.00	OK	0.72	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.169	0.718	0.023	0.695	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	1e-05	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-74.8117	-43.4018	-30.9795	0	0	1.01059	1.00181	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.63043	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0461617	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC2_MC_125	0.0	0.04	OK	0.66	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.166	0.660	0.023	0.637	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.03749	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-74.8117	-37.7252	-29.3771	0	0	1.01059	1.00181	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.63043	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0461617	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC2_MC_125	0.0	0.04	OK	0.66	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.166	0.660	0.023	0.637	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.03751	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-74.8117	-37.7222	-29.3762	0	0	1.01059	1.00181	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.63043	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0461617	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC2_MC_125	0.0	0.25	OK	0.34	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.153	0.341	0.023	0.318	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.24999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-74.8117	-7.28173	-20.2921	0	0	1.01059	1.00181	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.63043	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0461617	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC2_MC_125	0.0	0.25	OK	0.38	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.135	0.379	0.024	0.355	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.25001	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-78.1711	-7.17636	-23.1537	0	0	1.01107	1.00189	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	239139	2.63043	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0482346	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC2_MC_125	0.0	0.47	OK	0.16	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.121	0.157	0.024	0.133	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.47499	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-78.1711	19.8445	0.264704	0	0	1.01107	1.00189	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.63043	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0482346	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC2_MC_125	0.0	0.48	OK	0.16	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.107	0.164	0.019	0.145	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.47501	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-62.8296	19.8469	-1.17675	0	0	1.00888	1.00152	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.63043	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0387684	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC2_MC_125	0.0	0.50	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.109	0.154	0.019	0.135	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.49999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-62.8296	17.763	1.42343	0	0	1.00888	1.00152	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.63043	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0387684	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC2_MC_125	0.0	0.50	OK	0.21	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.212	0.157	0.018	0.139	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.50001	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-57.8283	17.597	-1.85158	0	0	1.00816	1.0014	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.63043	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0356823	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC2_MC_125	0.0	0.52	OK	0.21	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.212	0.127	0.018	0.109	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.52499	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-57.8283	15.2419	0.755354	0	0	1.00816	1.0014	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.63043	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0356823	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC2_MC_125	0.0	0.53	OK	0.16	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.162	0.144	0.019	0.124	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.52501	275000
	2.1e+08	4	1	4	4	1	4	1	1



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	-62.4813	17.7783	-0.645963	0	0	1.00883	1.00151	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.63043	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0385534	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC2_MC_125	0.0	0.75	OK	0.47	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.176	0.474	0.019	0.455	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.74999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-62.4813	-23.1282	22.8398	0	0	1.00883	1.00151	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.63043	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0385534	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC2_MC_125	0.0	0.75	OK	0.44	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.182	0.436	0.020	0.416	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.75001	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-65.8812	-23.0347	19.9439	0	0	1.00931	1.00159	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.63043	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0406513	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC2_MC_125	0.0	0.96	OK	0.86	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.195	0.859	0.020	0.839	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.96249	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-65.8812	-64.2255	31.573	0	0	1.00931	1.00159	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.63043	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0406513	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC2_MC_125	0.0	0.96	OK	0.86	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.195	0.859	0.020	0.839	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.96251	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-65.8812	-64.2295	31.5741	0	0	1.00931	1.00159	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.63043	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0406513	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC2_MC_125	0.0	1.00	OK	0.94	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.197	0.936	0.020	0.916	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.99999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-65.8812	-71.8021	33.6254	0	0	1.00931	1.00159	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.63043	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0406513	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC5_MC_075	0.0	0.00	OK	0.90	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.216	0.903	0.025	0.878	0.000	0.000	0.000	0.000	77.5944



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	46.746	0	0.499742	0.0726496	0.51	0	0	1e-05	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-80.0292	-67.9282	32.7258	0	0	1.01133	1.00193	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.57014	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0493812	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC5_MC_075	0.0	0.04	OK	0.83	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.213	0.825	0.025	0.801	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.03749	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-80.0292	-60.491	30.5358	0	0	1.01133	1.00193	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.57014	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0493812	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC5_MC_075	0.0	0.04	OK	0.83	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.213	0.825	0.025	0.801	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.03751	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-80.0292	-60.4871	30.5346	0	0	1.01133	1.00193	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.57014	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0493812	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC5_MC_075	0.0	0.25	OK	0.40	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.201	0.397	0.025	0.372	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.24999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-80.0292	-20.0672	18.1194	0	0	1.01133	1.00193	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.57014	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0493812	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC5_MC_075	0.0	0.25	OK	0.43	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.186	0.434	0.024	0.410	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.25001	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-76.7412	-20.153	20.9246	0	0	1.01086	1.00185	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.57014	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0473523	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC5_MC_075	0.0	0.47	OK	0.17	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.172	0.151	0.024	0.128	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.47499	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-76.7412	17.5367	-1.00086	0	0	1.01086	1.00185	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.57014	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0473523	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm14	LC5_MC_075	0.0	0.48	OK	0.22	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.225	0.124	0.023	0.101	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.47501	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-74.0285	14.9585	0.275478	0	0	1.01047	1.00179	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.57014	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0456785	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC5_MC_075	0.0	0.50	OK	0.22	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.225	0.166	0.023	0.143	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.49999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-74.0285	17.5237	-2.16112	0	0	1.01047	1.00179	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.57014	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0456785	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC5_MC_075	0.0	0.50	OK	0.15	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.106	0.153	0.024	0.129	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.50001	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-78.868	17.6851	1.00764	0	0	1.01117	1.00191	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.57014	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0486647	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC5_MC_075	0.0	0.52	OK	0.17	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.105	0.174	0.024	0.149	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.52499	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-78.868	19.9727	-1.44564	0	0	1.01117	1.00191	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.57014	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0486647	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC5_MC_075	0.0	0.53	OK	0.16	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.121	0.161	0.030	0.132	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.52501	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-95.9148	19.9573	-0.112676	0	0	1.01361	1.00232	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.57014	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0591832	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC5_MC_075	0.0	0.75	OK	0.39	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.135	0.390	0.030	0.360	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.74999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-95.9148	-9.88821	-22.1977	0	0	1.01361	1.00232	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.57014	0	0	2.50718	12.4428	170.507	2	83.4467



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Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	297	1	5.34	990	1620.64	0.0591832	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC5_MC_075	0.0	0.75	OK	0.35	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.135	0.352	0.029	0.323	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.75001	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-92.6441	-9.98374	-19.4086	0	0	1.01314	1.00224	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.57014	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.057165	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC5_MC_075	0.0	0.96	OK	0.70	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.148	0.699	0.029	0.670	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.96249	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-92.6441	-41.1211	-30.2004	0	0	1.01314	1.00224	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.57014	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.057165	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC5_MC_075	0.0	0.96	OK	0.70	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.148	0.699	0.029	0.670	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.96251	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-92.6441	-41.1242	-30.2014	0	0	1.01314	1.00224	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.57014	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.057165	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm14	LC5_MC_075	0.0	1.00	OK	0.76	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.150	0.762	0.029	0.733	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.99999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-92.6441	-46.9245	-32.105	0	0	1.01314	1.00224	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.57014	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.057165	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm15	LC2_MC_125	0.0	0.00	OK	0.52	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.027	0.518	0.000	0.518	0.000	0.000	0.000	0.000	119.482
	59.7408	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-0.076314	0.0984827	2.42494	0	0	1.00003	1.00008	2721.81	929.489
	440.149	1	1	361.012	225557	344.391	215172	1	344.391
	215172	1.46038	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	309.952	0.000246212	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm15	LC2_MC_125	0.0	0.25	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.027	0.148	0.000	0.148	0.000	0.000	0.000	0.000	119.482
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-0.076314	-0.585433	0.569354	0	0	1.00003	1.00008	2721.81	929.489



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Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	440.149	1	1	361.012	225557	344.391	215172	1	344.391
	215172	1.46038	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	309.952	0.000246212	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm15	LC2_MC_125	0.0	0.50	OK	0.34	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.027	0.342	0.000	0.342	0.000	0.000	0.000	0.000	119.482
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.49999	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-0.076314	-1.4848	-1.28623	0	0	1.00003	1.00008	2721.81	929.489
	440.149	1	1	361.012	225557	344.391	215172	1	344.391
	215172	1.46038	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	309.952	0.000246212	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm15	LC2_MC_125	0.0	0.50	OK	0.42	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.034	0.423	0.000	0.422	0.000	0.000	0.000	0.000	119.482
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.50001	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-0.127748	-1.4858	1.66439	0	0	1.00005	1.00014	2721.81	929.489
	440.149	1	1	361.012	225557	344.391	215172	1	344.391
	215172	1.46038	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	309.952	0.000412155	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm15	LC2_MC_125	0.0	0.75	OK	0.24	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.034	0.238	0.000	0.238	0.000	0.000	0.000	0.000	119.482
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-0.127748	-1.6885	-0.747547	0	0	1.00005	1.00014	2721.81	929.489
	440.149	1	1	361.012	225557	344.391	215172	1	344.391
	215172	1.46038	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	309.952	0.000412155	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm15	LC2_MC_125	0.0	1.00	OK	0.77	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.034	0.768	0.000	0.768	0.000	0.000	0.000	0.000	119.482
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-0.127748	-2.10666	-3.15948	0	0	1.00005	1.00014	2721.81	929.489
	440.149	1	1	361.012	225557	344.391	215172	1	344.391
	215172	1.46038	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	309.952	0.000412155	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm15	LC5_MC_075	0.0	0.00	OK	0.52	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.026	0.516	0.000	0.516	0.000	0.000	0.000	0.000	119.482
	59.7408	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	1	2	2	1	2	1	1
	0.0148018	0.0989108	-2.41702	0	0	1	1	2721.81	929.489
	440.149	1	1	361.012	225557	344.391	215172	1	344.391
	215172	1.42716	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.73656e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm15	LC5_MC_075	0.0	0.25	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.026	0.149	0.000	0.149	0.000	0.000	0.000	0.000	119.482
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.25	275000



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Report:
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Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	2	1	2	2	1	2	1	1
	0.0148018	-0.617532	-0.568433	0	0	1	1	2721.81	929.489
	440.149	1	1	361.012	225557	344.391	215172	1	344.391
	215172	1.42716	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.73656e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm15	LC5_MC_075	0.0	0.50	OK	0.34	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.026	0.344	0.000	0.344	0.000	0.000	0.000	0.000	119.482
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.49999	275000
	2.1e+08	2	1	2	2	1	2	1	1
	0.0148018	-1.54942	1.28015	0	0	1	1	2721.81	929.489
	440.149	1	1	361.012	225557	344.391	215172	1	344.391
	215172	1.42716	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.73656e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm15	LC5_MC_075	0.0	0.50	OK	0.43	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.033	0.426	0.000	0.426	0.000	0.000	0.000	0.000	119.482
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.50001	275000
	2.1e+08	2	1	2	2	1	2	1	1
	0.0503514	-1.55034	-1.66471	0	0	1	1	2721.81	929.489
	440.149	1	1	361.012	225557	344.391	215172	1	344.391
	215172	1.42726	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000127107	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm15	LC5_MC_075	0.0	0.75	OK	0.24	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.033	0.241	0.000	0.241	0.000	0.000	0.000	0.000	119.482
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	1	2	2	1	2	1	1
	0.0503514	-1.72402	0.755134	0	0	1	1	2721.81	929.489
	440.149	1	1	361.012	225557	344.391	215172	1	344.391
	215172	1.42726	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000127107	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm15	LC5_MC_075	0.0	1.00	OK	0.77	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.033	0.772	0.000	0.772	0.000	0.000	0.000	0.000	119.482
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	1	2	2	1	2	1	1
	0.0503514	-2.11313	3.17498	0	0	1	1	2721.81	929.489
	440.149	1	1	361.012	225557	344.391	215172	1	344.391
	215172	1.42726	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000127107	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm16	LC2_MC_125	0.0	0.00	OK	0.53	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.027	0.528	0.000	0.528	0.000	0.000	0.000	0.000	119.482
	59.7408	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	1	2	2	1	2	1	1
	0.0419196	0.100169	2.47263	0	0	1	1	2721.81	929.489
	440.149	1	1	361.012	225557	344.391	215172	1	344.391
	215172	1.43675	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000105822	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm16	LC2_MC_125	0.0	0.25	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)



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Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.027	0.152	0.000	0.152	0.000	0.000	0.000	0.000	119.482
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	2	1	2	2	1	2	1	1
	0.0419196	-0.60668	0.582171	0	0	1	1	2721.81	929.489
	440.149	1	1	361.012	225557	344.391	215172	1	344.391
	215172	1.43675	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000105822	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm16	LC2_MC_125	0.0	0.50	OK	0.35	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.027	0.349	0.000	0.349	0.000	0.000	0.000	0.000	119.482
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.49999	275000
	2.1e+08	2	1	2	2	1	2	1	1
	0.0419196	-1.52897	-1.30829	0	0	1	1	2721.81	929.489
	440.149	1	1	361.012	225557	344.391	215172	1	344.391
	215172	1.43675	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000105822	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm16	LC2_MC_125	0.0	0.50	OK	0.44	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.034	0.438	0.000	0.438	0.000	0.000	0.000	0.000	119.482
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.50001	275000
	2.1e+08	2	1	2	2	1	2	1	1
	0.0706723	-1.52996	1.72888	0	0	1	1	2721.81	929.489
	440.149	1	1	361.012	225557	344.391	215172	1	344.391
	215172	1.43683	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000178405	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm16	LC2_MC_125	0.0	0.75	OK	0.24	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.034	0.244	0.000	0.244	0.000	0.000	0.000	0.000	119.482
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	1	2	2	1	2	1	1
	0.0706723	-1.71147	-0.771688	0	0	1	1	2721.81	929.489
	440.149	1	1	361.012	225557	344.391	215172	1	344.391
	215172	1.43683	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000178405	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm16	LC2_MC_125	0.0	1.00	OK	0.79	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.034	0.792	0.000	0.792	0.000	0.000	0.000	0.000	119.482
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	1	2	2	1	2	1	1
	0.0706723	-2.10841	-3.27225	0	0	1	1	2721.81	929.489
	440.149	1	1	361.012	225557	344.391	215172	1	344.391
	215172	1.43683	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000178405	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm16	LC5_MC_075	0.0	0.00	OK	0.52	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.026	0.519	0.000	0.519	0.000	0.000	0.000	0.000	119.482
	59.7408	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-0.119407	0.0977964	-2.42738	0	0	1.00004	1.00013	2721.81	929.489
	440.149	1	1	361.012	225557	344.391	215172	1	344.391
	215172	1.46993	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	309.952	0.000385244	21.2246	4.72279	2.03549e-08



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	1.98619e-09	0	0						
Bm16	LC5_MC_075	0.0	0.25	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.026	0.148	0.000	0.147	0.000	0.000	0.000	0.000	119.482
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-0.119407	-0.575743	-0.568367	0	0	1.00004	1.00013	2721.81	929.489
	440.149	1	1	361.012	225557	344.391	215172	1	344.391
	215172	1.46993	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	309.952	0.000385244	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm16	LC5_MC_075	0.0	0.50	OK	0.34	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.026	0.342	0.000	0.342	0.000	0.000	0.000	0.000	119.482
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.49999	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-0.119407	-1.46473	1.29065	0	0	1.00004	1.00013	2721.81	929.489
	440.149	1	1	361.012	225557	344.391	215172	1	344.391
	215172	1.46993	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	309.952	0.000385244	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm16	LC5_MC_075	0.0	0.50	OK	0.42	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.034	0.424	0.000	0.424	0.000	0.000	0.000	0.000	119.482
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.50001	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-0.163845	-1.46578	-1.67479	0	0	1.00006	1.00018	2721.81	929.489
	440.149	1	1	361.012	225557	344.391	215172	1	344.391
	215172	1.46993	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	309.952	0.000528616	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm16	LC5_MC_075	0.0	0.75	OK	0.24	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.034	0.237	0.000	0.237	0.000	0.000	0.000	0.000	119.482
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-0.163845	-1.67605	0.745305	0	0	1.00006	1.00018	2721.81	929.489
	440.149	1	1	361.012	225557	344.391	215172	1	344.391
	215172	1.46993	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	309.952	0.000528616	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm16	LC5_MC_075	0.0	1.00	OK	0.77	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.034	0.770	0.000	0.769	0.000	0.000	0.000	0.000	119.482
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-0.163845	-2.10176	3.1654	0	0	1.00006	1.00018	2721.81	929.489
	440.149	1	1	361.012	225557	344.391	215172	1	344.391
	215172	1.46993	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	309.952	0.000528616	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm17	LC2_MC_125	0.0	0.00	OK	0.05	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.013	0.046	0.000	0.046	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.33272
	-5.10458e-14	-0.969547	3.53264e-15	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	176059	2.30767	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	2.01276e-16	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm17	LC2_MC_125	0.0	0.25	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.026	0.000	0.026	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.33272
	-5.10458e-14	-0.552114	1.32783e-15	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.30767	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	2.01276e-16	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm17	LC2_MC_125	0.0	0.50	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.011	0.000	0.011	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.33272
	-5.10458e-14	-0.242392	-8.77076e-16	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.30767	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	2.01276e-16	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm17	LC2_MC_125	0.0	0.75	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.003	0.003	0.000	0.003	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.33272
	-5.10458e-14	-0.0673311	-3.08198e-15	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.30767	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	2.01276e-16	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm17	LC2_MC_125	0.0	1.00	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.33272
	-5.10458e-14	-9.16516e-08	-5.28679e-15	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.30767	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	2.01276e-16	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm17	LC5_MC_075	0.0	0.00	OK	0.05	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.013	0.046	0.000	0.046	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.549225
	-5.13389e-14	-0.969547	4.70507e-15	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.30767	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	2.02432e-16	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm17	LC5_MC_075	0.0	0.25	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.026	0.000	0.026	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.549225



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	-5.13389e-14	-0.552114	3.37952e-15	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.30767	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	2.02432e-16	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm17	LC5_MC_075	0.0	0.50	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.011	0.000	0.011	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.549225
	-5.13389e-14	-0.242392	2.05391e-15	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.30767	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	2.02432e-16	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm17	LC5_MC_075	0.0	0.75	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.003	0.003	0.000	0.003	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.549225
	-5.13389e-14	-0.0673311	7.28307e-16	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.30767	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	2.02432e-16	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm17	LC5_MC_075	0.0	1.00	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.549225
	-5.13389e-14	-9.16516e-08	-5.97246e-16	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.30767	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	2.02432e-16	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm18	LC2_MC_125	0.0	0.00	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.600004
	-8.11973e-14	-9.70586e-09	1.76524e-15	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.30767	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	3.20164e-16	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm18	LC2_MC_125	0.0	0.25	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.003	0.003	0.000	0.003	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.600004
	-8.11973e-14	-0.067331	1.32394e-15	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.30767	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	3.20164e-16	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm18	LC2_MC_125	0.0	0.50	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.011	0.000	0.011	0.000	0.000	0.000	0.000	89.6111



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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.600004
	-8.11973e-14	-0.242392	8.82627e-16	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.30767	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	3.20164e-16	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm18	LC2_MC_125	0.0	0.75	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.026	0.000	0.026	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.600004
	-8.11973e-14	-0.552114	4.41314e-16	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.30767	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	3.20164e-16	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm18	LC2_MC_125	0.0	1.00	OK	0.05	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.013	0.046	0.000	0.046	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.600004
	-8.11973e-14	-0.969547	1.76525e-20	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.30767	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	3.20164e-16	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm18	LC5_MC_075	0.0	0.00	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.600004
	-7.88525e-14	-9.70586e-09	1.76524e-15	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.30767	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	3.10919e-16	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm18	LC5_MC_075	0.0	0.25	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.003	0.003	0.000	0.003	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.600004
	-7.88525e-14	-0.067331	1.32394e-15	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.30767	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	3.10919e-16	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm18	LC5_MC_075	0.0	0.50	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.011	0.000	0.011	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.600004
	-7.88525e-14	-0.242392	8.82627e-16	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.30767	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	3.10919e-16	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						



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Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm18	LC5_MC_075	0.0	0.75	OK	0.03	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.010	0.026	0.000	0.026	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.600004
	-7.88525e-14	-0.552114	4.41314e-16	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.30767	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	3.10919e-16	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm18	LC5_MC_075	0.0	1.00	OK	0.05	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.013	0.046	0.000	0.046	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.600004
	-7.88525e-14	-0.969547	1.76525e-20	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.30767	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	3.10919e-16	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm19	LC2_MC_125	0.0	0.00	OK	0.62	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.024	0.617	0.014	0.604	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.296291
	10.706	-0.129404	2.82331	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.54433	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0270261	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm19	LC2_MC_125	0.0	0.25	OK	0.38	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.024	0.375	0.014	0.362	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.296291
	10.706	0.56943	1.58159	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.54433	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0270261	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm19	LC2_MC_125	0.0	0.50	OK	0.14	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.024	0.140	0.014	0.127	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.296291
	10.706	1.16056	0.339824	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.54433	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0270261	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm19	LC2_MC_125	0.0	0.75	OK	0.28	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.024	0.281	0.014	0.267	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.296291
	10.706	1.61704	-0.901942	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.54433	0	0	0.814114	3.0515	23.5829	2	5.24755



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Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	108.57	1	5.34	166.221	396.134	0.0270261	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm19	LC2_MC_125	0.0	1.00	OK	0.56	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.024	0.560	0.014	0.547	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.296291
	10.706	1.96577	-2.14366	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.54433	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0270261	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm19	LC5_MC_075	0.0	0.00	OK	0.67	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.032	0.665	0.031	0.634	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.294277
	-15.9674	-0.832012	-2.80877	0	0	1.00331	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.9627	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	0.06296	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm19	LC5_MC_075	0.0	0.25	OK	0.37	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.032	0.367	0.031	0.336	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.294277
	-15.9674	-0.0709369	-1.56991	0	0	1.00331	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.9627	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	0.06296	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm19	LC5_MC_075	0.0	0.50	OK	0.13	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.032	0.129	0.031	0.098	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.294277
	-15.9674	0.582085	-0.331004	0	0	1.00331	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.9627	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	0.06296	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm19	LC5_MC_075	0.0	0.75	OK	0.28	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.032	0.276	0.031	0.244	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.294277
	-15.9674	1.1	0.907904	0	0	1.00331	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.9627	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	0.06296	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm19	LC5_MC_075	0.0	1.00	OK	0.56	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.032	0.557	0.031	0.526	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.294277
	-15.9674	1.50981	2.14676	0	0	1.00331	1	4838.77	413.106



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Report:
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Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.9627	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	0.06296	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm20	LC2_MC_125	0.0	0.00	OK	0.63	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.027	0.633	0.024	0.608	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.295435
	-12.3344	-0.379535	2.78794	0	0	1.00256	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.68517	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	0.0486351	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm20	LC2_MC_125	0.0	0.25	OK	0.38	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.027	0.378	0.024	0.354	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.295435
	-12.3344	-0.495601	1.56029	0	0	1.00256	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.68517	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	0.0486351	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm20	LC2_MC_125	0.0	0.50	OK	0.13	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.027	0.129	0.024	0.104	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.295435
	-12.3344	-0.719673	0.332583	0	0	1.00256	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.68517	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	0.0486351	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm20	LC2_MC_125	0.0	0.75	OK	0.26	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.027	0.265	0.024	0.240	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.295435
	-12.3344	-1.07875	-0.895121	0	0	1.00256	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.68517	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	0.0486351	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm20	LC2_MC_125	0.0	1.00	OK	0.55	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.027	0.547	0.024	0.522	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.295435
	-12.3344	-1.54581	-2.12278	0	0	1.00256	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.68517	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	0.0486351	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm20	LC5_MC_075	0.0	0.00	OK	0.63	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.034	0.629	0.016	0.613	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.295916
	12.6161	0.297294	-2.82977	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.39627	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0318481	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm20	LC5_MC_075	0.0	0.25	OK	0.35	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.034	0.351	0.016	0.336	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.295916
	12.6161	0.00125545	-1.58455	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.39627	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0318481	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm20	LC5_MC_075	0.0	0.50	OK	0.11	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.034	0.107	0.016	0.091	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.295916
	12.6161	-0.402522	-0.339275	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.39627	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0318481	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm20	LC5_MC_075	0.0	0.75	OK	0.25	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.034	0.252	0.016	0.236	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.295916
	12.6161	-0.940961	0.905995	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.39627	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0318481	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm20	LC5_MC_075	0.0	1.00	OK	0.55	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.034	0.546	0.016	0.530	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.295916
	12.6161	-1.5871	2.15122	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.39627	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0318481	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm21	LC2_MC_125	0.0	0.00	OK	0.56	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.035	0.556	0.016	0.540	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.295276
	12.3974	-1.55373	2.2052	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.40272	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0312959	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm21	LC2_MC_125	0.0	0.25	OK	0.26	ufH1	Geom OK	AISC member	ver_profil_4.run(1)



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.035	0.256	0.016	0.240	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.295276
	12.3974	-0.915587	0.930253	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.40272	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0312959	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm21	LC2_MC_125	0.0	0.50	OK	0.11	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.035	0.107	0.016	0.091	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.295276
	12.3974	-0.385141	-0.34474	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.40272	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0312959	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm21	LC2_MC_125	0.0	0.75	OK	0.36	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.035	0.359	0.016	0.343	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.295276
	12.3974	0.0106433	-1.61973	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.40272	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0312959	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm21	LC2_MC_125	0.0	1.00	OK	0.64	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.035	0.643	0.016	0.627	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.295276
	12.3974	0.298689	-2.89468	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.40272	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0312959	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm21	LC5_MC_075	0.0	0.00	OK	0.54	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.027	0.543	0.023	0.520	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.294751
	-11.8153	-1.49169	-2.12342	0	0	1.00245	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.70134	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	0.0465881	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm21	LC5_MC_075	0.0	0.25	OK	0.26	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.027	0.262	0.023	0.239	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.294751
	-11.8153	-1.03313	-0.896953	0	0	1.00245	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.70134	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	0.0465881	21.2246	4.72279	2.03549e-08



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	1.98619e-09	0	0						
Bm21	LC5_MC_075	0.0	0.50	OK	0.13	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.027	0.125	0.023	0.102	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.294751
	-11.8153	-0.682547	0.329562	0	0	1.00245	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.70134	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	0.0465881	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm21	LC5_MC_075	0.0	0.75	OK	0.37	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.027	0.375	0.023	0.351	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.294751
	-11.8153	-0.466953	1.55608	0	0	1.00245	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.70134	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	0.0465881	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm21	LC5_MC_075	0.0	1.00	OK	0.63	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.027	0.629	0.023	0.606	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.294751
	-11.8153	-0.359353	2.78254	0	0	1.00245	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.70134	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	0.0465881	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm22	LC2_MC_125	0.0	0.00	OK	0.56	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.032	0.564	0.030	0.534	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.294256
	-15.3048	1.51342	2.18299	0	0	1.00317	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.96152	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	0.0603476	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm22	LC2_MC_125	0.0	0.25	OK	0.28	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.032	0.278	0.030	0.248	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.294256
	-15.3048	1.10631	0.923274	0	0	1.00317	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.96152	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	0.0603476	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm22	LC2_MC_125	0.0	0.50	OK	0.13	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.032	0.129	0.030	0.099	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.294256
	-15.3048	0.591113	-0.336491	0	0	1.00317	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	176059	1.96152	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	0.0603476	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm22	LC2_MC_125	0.0	0.75	OK	0.37	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.032	0.371	0.030	0.341	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.294256
	-15.3048	-0.0591725	-1.59626	0	0	1.00317	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.96152	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	0.0603476	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm22	LC2_MC_125	0.0	1.00	OK	0.67	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.032	0.673	0.030	0.643	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.294256
	-15.3048	-0.817496	-2.85597	0	0	1.00317	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.96152	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	253.611	0.0603476	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm22	LC5_MC_075	0.0	0.00	OK	0.55	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.024	0.555	0.012	0.542	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.296163
	9.73933	1.94149	-2.12904	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.55435	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.024586	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm22	LC5_MC_075	0.0	0.25	OK	0.28	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.024	0.277	0.012	0.265	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.296163
	9.73933	1.59195	-0.896085	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.55435	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.024586	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm22	LC5_MC_075	0.0	0.50	OK	0.14	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.024	0.137	0.012	0.125	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.296163
	9.73933	1.13466	0.336914	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.55435	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.024586	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm22	LC5_MC_075	0.0	0.75	OK	0.37	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.024	0.370	0.012	0.358	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.296163



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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	9.73933	0.542707	1.56991	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.55435	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.024586	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm22	LC5_MC_075	0.0	1.00	OK	0.61	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.024	0.613	0.012	0.601	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.296163
	9.73933	-0.156943	2.80286	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	1.55435	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.024586	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm23	LC2_MC_125	0.0	0.00	OK	0.69	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.045	0.686	0.000	0.686	0.000	0.000	0.000	0.000	59.7408
	59.7408	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1	1	1	1	1	1	1	0.200356
	-0.0604006	-1.29554	2.95074	0	0	1.00001	1	10887.2	929.489
	440.149	1	1	361.012	225557	392.772	245399	1	361.012
	225557	1.17807	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	324.911	0.000185899	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm23	LC2_MC_125	0.0	0.25	OK	0.38	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.045	0.376	0.000	0.376	0.000	0.000	0.000	0.000	59.7408
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1	1	1	1	1	1	1	0.200356
	-0.0604006	-1.34233	1.47606	0	0	1.00001	1	10887.2	929.489
	440.149	1	1	361.012	225557	392.772	245399	1	361.012
	225557	1.17807	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	324.911	0.000185899	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm23	LC2_MC_125	0.0	0.50	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.045	0.068	0.000	0.068	0.000	0.000	0.000	0.000	59.7408
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1	1	1	1	1	1	1	0.200356
	-0.0604006	-1.43699	0.00131416	0	0	1.00001	1	10887.2	929.489
	440.149	1	1	361.012	225557	392.772	245399	1	361.012
	225557	1.17807	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	324.911	0.000185899	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm23	LC2_MC_125	0.0	0.75	OK	0.39	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.045	0.387	0.000	0.387	0.000	0.000	0.000	0.000	59.7408
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1	1	1	1	1	1	1	0.200356
	-0.0604006	-1.59151	-1.47343	0	0	1.00001	1	10887.2	929.489
	440.149	1	1	361.012	225557	392.772	245399	1	361.012
	225557	1.17807	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	324.911	0.000185899	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm23	LC2_MC_125	0.0	1.00	OK	0.71	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.045	0.709	0.000	0.709	0.000	0.000	0.000	0.000	59.7408



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1	1	1	1	1	1	1	0.200356
	-0.0604006	-1.7939	-2.94811	0	0	1.00001	1	10887.2	929.489
	440.149	1	1	361.012	225557	392.772	245399	1	361.012
	225557	1.17807	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	324.911	0.000185899	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm23	LC5_MC_075	0.0	0.00	OK	0.70	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.044	0.704	0.000	0.703	0.000	0.000	0.000	0.000	59.7408
	59.7408	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1	1	1	1	1	1	1	0.200367
	0.36637	-1.82313	-2.91526	0	0	1	1	10887.2	929.489
	440.149	1	1	361.012	225557	392.772	245399	1	361.012
	225557	1.20007	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000924865	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm23	LC5_MC_075	0.0	0.25	OK	0.38	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.044	0.385	0.000	0.384	0.000	0.000	0.000	0.000	59.7408
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1	1	1	1	1	1	1	0.200367
	0.36637	-1.60044	-1.45833	0	0	1	1	10887.2	929.489
	440.149	1	1	361.012	225557	392.772	245399	1	361.012
	225557	1.20007	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000924865	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm23	LC5_MC_075	0.0	0.50	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.044	0.068	0.000	0.067	0.000	0.000	0.000	0.000	59.7408
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1	1	1	1	1	1	1	0.200367
	0.36637	-1.42562	-0.00133896	0	0	1	1	10887.2	929.489
	440.149	1	1	361.012	225557	392.772	245399	1	361.012
	225557	1.20007	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000924865	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm23	LC5_MC_075	0.0	0.75	OK	0.37	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.044	0.370	0.000	0.370	0.000	0.000	0.000	0.000	59.7408
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1	1	1	1	1	1	1	0.200367
	0.36637	-1.31065	1.45565	0	0	1	1	10887.2	929.489
	440.149	1	1	361.012	225557	392.772	245399	1	361.012
	225557	1.20007	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000924865	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm23	LC5_MC_075	0.0	1.00	OK	0.68	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.044	0.676	0.000	0.675	0.000	0.000	0.000	0.000	59.7408
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1	1	1	1	1	1	1	0.200367
	0.36637	-1.24356	2.91258	0	0	1	1	10887.2	929.489
	440.149	1	1	361.012	225557	392.772	245399	1	361.012
	225557	1.20007	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000924865	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						



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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm24	LC2_MC_125	0.0	0.00	OK	0.92	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.058	0.922	0.002	0.920	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	1e-05	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	2.62509	-2.81989	-7.20019	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.29014	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	575.487	0.00456151	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm24	LC2_MC_125	0.0	0.10	OK	0.69	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.058	0.693	0.002	0.691	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.09999	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	2.62509	-2.34919	-5.35946	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.29014	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	575.487	0.00456151	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm24	LC2_MC_125	0.0	0.10	OK	0.69	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.058	0.693	0.002	0.691	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.10001	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	2.62509	-2.3491	-5.35909	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.29014	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	575.487	0.00456151	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm24	LC2_MC_125	0.0	0.25	OK	0.35	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.058	0.351	0.002	0.349	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.25	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	2.62509	-1.69881	-2.59762	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.29014	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	575.487	0.00456151	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm24	LC2_MC_125	0.0	0.50	OK	0.26	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.058	0.257	0.002	0.255	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.5	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	2.62509	-0.749924	2.00513	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.29014	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	575.487	0.00456151	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm24	LC2_MC_125	0.0	0.67	OK	0.61	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.058	0.606	0.002	0.603	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.666657	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	2.62509	-0.213439	5.07344	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.29014	0	0	1.01204	3.52721	44.2346	2	9.42581



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	157.41	1	5.34	240.24	575.487	0.00456151	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm24	LC2_MC_125	0.0	0.67	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.004	0.004	0.000	0.004	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.666677	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-1.74175e-12	-0.156496	-3.63076e-15	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.28691	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	3.54319e-15	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm24	LC2_MC_125	0.0	0.75	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.003	0.002	0.000	0.002	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.75	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-1.74175e-12	-0.0891211	-1.77497e-15	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.28691	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	3.54319e-15	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm24	LC2_MC_125	0.0	1.00	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.99999	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-1.74175e-12	-4.69516e-09	3.79286e-15	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.28691	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	3.54319e-15	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm24	LC5_MC_075	0.0	0.00	OK	0.96	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.069	0.958	0.003	0.955	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	1e-05	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-2.50724	-4.27541	7.1916	0	0	1.00021	1.0012	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.34321	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	0.00510041	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm24	LC5_MC_075	0.0	0.10	OK	0.72	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.069	0.723	0.003	0.721	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.09999	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-2.50724	-3.5708	5.3523	0	0	1.00021	1.0012	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.34321	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	0.00510041	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm24	LC5_MC_075	0.0	0.10	OK	0.72	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.069	0.723	0.003	0.721	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.10001	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-2.50724	-3.57066	5.35193	0	0	1.00021	1.0012	11721.3	2086.7



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.34321	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	0.00510041	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm24	LC5_MC_075	0.0	0.25	OK	0.37	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.069	0.373	0.003	0.370	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.25	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-2.50724	-2.56948	2.59261	0	0	1.00021	1.0012	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.34321	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	0.00510041	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm24	LC5_MC_075	0.0	0.50	OK	0.27	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.069	0.265	0.003	0.263	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.5	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-2.50724	-1.03576	-2.00656	0	0	1.00021	1.0012	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.34321	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	0.00510041	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm24	LC5_MC_075	0.0	0.67	OK	0.60	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.069	0.603	0.003	0.601	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.666657	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-2.50724	-0.109434	-5.07249	0	0	1.00021	1.0012	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.34321	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	0.00510041	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm24	LC5_MC_075	0.0	0.67	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.004	0.004	0.000	0.004	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.666677	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-2.37953e-12	-0.156496	1.57167e-15	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.34321	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	4.84062e-15	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm24	LC5_MC_075	0.0	0.75	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.003	0.002	0.000	0.002	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.75	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-2.37953e-12	-0.0891211	2.8047e-15	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.34321	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	4.84062e-15	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm24	LC5_MC_075	0.0	1.00	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.99999	275000



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-2.37953e-12	-4.69516e-09	6.50409e-15	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.34321	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	4.84062e-15	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm25	LC2_MC_125	0.0	0.00	OK	0.93	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.068	0.927	0.003	0.925	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	1e-05	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	3.01463	-0.941177	-7.6451	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.21419	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	575.487	0.0052384	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm25	LC2_MC_125	0.0	0.10	OK	0.69	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.068	0.693	0.003	0.690	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.09999	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	3.01463	-0.752481	-5.69494	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.21419	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	575.487	0.0052384	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm25	LC2_MC_125	0.0	0.10	OK	0.69	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.068	0.693	0.003	0.690	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.10001	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	3.01463	-0.752446	-5.69455	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.21419	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	575.487	0.0052384	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm25	LC2_MC_125	0.0	0.25	OK	0.34	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.068	0.342	0.003	0.340	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.25	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	3.01463	-0.525225	-2.76892	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.21419	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	575.487	0.0052384	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm25	LC2_MC_125	0.0	0.50	OK	0.26	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.068	0.258	0.003	0.255	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.5	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	3.01463	-0.281496	2.10746	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.21419	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	575.487	0.0052384	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm25	LC2_MC_125	0.0	0.67	OK	0.64	ufH1	Geom OK	AISC member	ver_profil_4.run(1)



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.068	0.640	0.003	0.637	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.666657	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	3.01463	-0.215088	5.35819	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.21419	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	575.487	0.0052384	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm25	LC2_MC_125	0.0	0.67	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.004	0.004	0.000	0.004	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.666677	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-2.31552e-12	-0.156496	5.178e-14	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.2106	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	4.71039e-15	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm25	LC2_MC_125	0.0	0.75	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.003	0.002	0.000	0.002	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.75	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-2.31552e-12	-0.0891211	1.95752e-14	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.2106	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	4.71039e-15	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm25	LC2_MC_125	0.0	1.00	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.99999	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-2.31552e-12	-4.69516e-09	-7.7047e-14	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.2106	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	4.71039e-15	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm25	LC5_MC_075	0.0	0.00	OK	0.93	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.064	0.926	0.003	0.923	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	1e-05	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-3.01133	-1.09201	7.59613	0	0	1.00026	1.00145	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.4254	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	0.00612586	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm25	LC5_MC_075	0.0	0.10	OK	0.69	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.064	0.692	0.003	0.689	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.09999	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-3.01133	-0.86233	5.66261	0	0	1.00026	1.00145	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.4254	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	0.00612586	39.8112	8.48323	3.91999e-08



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	7.44626e-09	0	0						
Bm25	LC5_MC_075	0.0	0.10	OK	0.69	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.064	0.692	0.003	0.689	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.10001	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-3.01133	-0.862287	5.66222	0	0	1.00026	1.00145	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.4254	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	0.00612586	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm25	LC5_MC_075	0.0	0.25	OK	0.34	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.064	0.343	0.003	0.340	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.25	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-3.01133	-0.573595	2.76156	0	0	1.00026	1.00145	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.4254	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	0.00612586	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm25	LC5_MC_075	0.0	0.50	OK	0.25	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.064	0.253	0.003	0.250	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.5	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-3.01133	-0.22744	-2.0732	0	0	1.00026	1.00145	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.4254	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	0.00612586	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm25	LC5_MC_075	0.0	0.67	OK	0.63	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.064	0.630	0.003	0.627	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.666657	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-3.01133	-0.0927778	-5.29619	0	0	1.00026	1.00145	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.4254	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	0.00612586	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm25	LC5_MC_075	0.0	0.67	OK	0.00	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.004	0.004	0.000	0.004	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.666677	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-2.0529e-12	-0.156496	4.36836e-14	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.4254	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	4.17616e-15	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm25	LC5_MC_075	0.0	0.75	OK	0.00	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.003	0.002	0.000	0.002	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.75	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-2.0529e-12	-0.0891211	1.52886e-14	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	234903	2.4254	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	4.17616e-15	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm25	LC5_MC_075	0.0	1.00	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.99999	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-2.0529e-12	-4.69516e-09	-6.99032e-14	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.4254	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	4.17616e-15	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm26	LC2_MC_125	0.0	0.00	OK	0.76	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.048	0.763	0.004	0.760	0.000	0.000	0.000	0.000	59.7408
	59.7408	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1	1	1	1	1	1	1	0.202918
	-2.30115	1.70927	3.1986	0	0	1.00021	1	10887.2	929.489
	440.149	1	1	361.012	225557	392.772	245399	1	361.012
	225557	1.00785	0	0	0.814114	3.0515	23.003	2	5.24755
	108.57	1	5.34	166.221	324.911	0.00708238	20.7027	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm26	LC2_MC_125	0.0	0.25	OK	0.43	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.048	0.430	0.004	0.427	0.000	0.000	0.000	0.000	59.7408
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1	1	1	1	1	1	1	0.202918
	-2.30115	1.80063	1.60517	0	0	1.00021	1	10887.2	929.489
	440.149	1	1	361.012	225557	392.772	245399	1	361.012
	225557	1.00785	0	0	0.814114	3.0515	23.003	2	5.24755
	108.57	1	5.34	166.221	324.911	0.00708238	20.7027	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm26	LC2_MC_125	0.0	0.50	OK	0.10	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.048	0.095	0.004	0.092	0.000	0.000	0.000	0.000	59.7408
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1	1	1	1	1	1	1	0.202918
	-2.30115	1.84411	0.0116663	0	0	1.00021	1	10887.2	929.489
	440.149	1	1	361.012	225557	392.772	245399	1	361.012
	225557	1.00785	0	0	0.814114	3.0515	23.003	2	5.24755
	108.57	1	5.34	166.221	324.911	0.00708238	20.7027	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm26	LC2_MC_125	0.0	0.75	OK	0.43	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.048	0.427	0.004	0.423	0.000	0.000	0.000	0.000	59.7408
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1	1	1	1	1	1	1	0.202918
	-2.30115	1.82772	-1.58183	0	0	1.00021	1	10887.2	929.489
	440.149	1	1	361.012	225557	392.772	245399	1	361.012
	225557	1.00785	0	0	0.814114	3.0515	23.003	2	5.24755
	108.57	1	5.34	166.221	324.911	0.00708238	20.7027	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm26	LC2_MC_125	0.0	1.00	OK	0.76	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.048	0.761	0.004	0.758	0.000	0.000	0.000	0.000	59.7408
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1	1	1	1	1	1	1	0.202918



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	-2.30115	1.76345	-3.17527	0	0	1.00021	1	10887.2	929.489
	440.149	1	1	361.012	225557	392.772	245399	1	361.012
	225557	1.00785	0	0	0.814114	3.0515	23.003	2	5.24755
	108.57	1	5.34	166.221	324.911	0.00708238	20.7027	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm26	LC5_MC_075	0.0	0.00	OK	0.75	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.048	0.754	0.005	0.750	0.000	0.000	0.000	0.000	59.7408
	59.7408	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1	1	1	1	1	1	1	0.20253
	-3.13476	1.75643	-3.13961	0	0	1.00029	1	10887.2	929.489
	440.149	1	1	361.012	225557	392.772	245399	1	361.012
	225557	1.00791	0	0	0.814114	3.0515	23.0044	2	5.24755
	108.57	1	5.34	166.221	324.911	0.00964805	20.7039	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm26	LC5_MC_075	0.0	0.25	OK	0.42	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.048	0.424	0.005	0.419	0.000	0.000	0.000	0.000	59.7408
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1	1	1	1	1	1	1	0.20253
	-3.13476	1.81709	-1.56484	0	0	1.00029	1	10887.2	929.489
	440.149	1	1	361.012	225557	392.772	245399	1	361.012
	225557	1.00791	0	0	0.814114	3.0515	23.0044	2	5.24755
	108.57	1	5.34	166.221	324.911	0.00964805	20.7039	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm26	LC5_MC_075	0.0	0.50	OK	0.10	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.048	0.095	0.005	0.090	0.000	0.000	0.000	0.000	59.7408
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1	1	1	1	1	1	1	0.20253
	-3.13476	1.82985	0.00999355	0	0	1.00029	1	10887.2	929.489
	440.149	1	1	361.012	225557	392.772	245399	1	361.012
	225557	1.00791	0	0	0.814114	3.0515	23.0044	2	5.24755
	108.57	1	5.34	166.221	324.911	0.00964805	20.7039	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm26	LC5_MC_075	0.0	0.75	OK	0.43	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.048	0.427	0.005	0.422	0.000	0.000	0.000	0.000	59.7408
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1	1	1	1	1	1	1	0.20253
	-3.13476	1.78275	1.58483	0	0	1.00029	1	10887.2	929.489
	440.149	1	1	361.012	225557	392.772	245399	1	361.012
	225557	1.00791	0	0	0.814114	3.0515	23.0044	2	5.24755
	108.57	1	5.34	166.221	324.911	0.00964805	20.7039	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm26	LC5_MC_075	0.0	1.00	OK	0.76	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.048	0.755	0.005	0.751	0.000	0.000	0.000	0.000	59.7408
	59.7408	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1	1	1	1	1	1	1	0.20253
	-3.13476	1.68776	3.15959	0	0	1.00029	1	10887.2	929.489
	440.149	1	1	361.012	225557	392.772	245399	1	361.012
	225557	1.00791	0	0	0.814114	3.0515	23.0044	2	5.24755
	108.57	1	5.34	166.221	324.911	0.00964805	20.7039	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm27	LC2_MC_125	0.0	0.00	OK	0.55	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.082	0.550	0.001	0.549	0.000	0.000	0.000	0.000	119.482



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.892023	0.0935382	-2.57037	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.31364	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00225182	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm27	LC2_MC_125	0.0	0.20	OK	0.49	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.082	0.492	0.001	0.491	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.19999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.892023	0.289286	2.25356	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.31364	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00225182	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm27	LC2_MC_125	0.0	0.20	OK	0.23	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.015	0.232	0.001	0.231	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.20001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.80847	0.253601	-1.03664	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.31323	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0020409	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm27	LC2_MC_125	0.0	0.50	OK	0.08	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.020	0.079	0.001	0.078	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.80847	-0.641421	-0.224297	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.31323	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0020409	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm27	LC2_MC_125	0.0	0.75	OK	0.17	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.025	0.173	0.001	0.172	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.80847	-1.61712	0.452681	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.31323	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0020409	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm27	LC2_MC_125	0.0	1.00	OK	0.37	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.029	0.372	0.001	0.371	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.80847	-2.80726	1.12963	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.31323	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0020409	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						



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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm27	LC5_MC_075	0.0	0.00	OK	0.53	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.080	0.534	0.001	0.533	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.760136	0.134317	2.48667	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.24083	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00191889	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm27	LC5_MC_075	0.0	0.20	OK	0.50	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.080	0.495	0.001	0.494	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.19999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.760136	0.679212	-2.18377	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.24083	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00191889	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm27	LC5_MC_075	0.0	0.20	OK	0.24	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.023	0.242	0.002	0.239	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.20001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	1.67832	0.575418	1.00274	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.24524	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00423675	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm27	LC5_MC_075	0.0	0.50	OK	0.09	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.029	0.091	0.002	0.089	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	1.67832	-0.937652	0.213444	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.24524	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00423675	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm27	LC5_MC_075	0.0	0.75	OK	0.21	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.033	0.211	0.002	0.208	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	1.67832	-2.4284	-0.444326	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.24524	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00423675	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm27	LC5_MC_075	0.0	1.00	OK	0.43	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.038	0.430	0.002	0.428	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	1.67832	-4.13359	-1.10207	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.24524	0	0	0.814114	3.0515	23.5829	2	5.24755



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Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	108.57	1	5.34	166.221	396.134	0.00423675	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm28	LC2_MC_125	0.0	0.00	OK	0.55	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.083	0.549	0.001	0.548	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.454283	0.120888	-2.56138	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.23999	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00114679	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm28	LC2_MC_125	0.0	0.20	OK	0.51	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.083	0.512	0.001	0.511	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.19999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.454283	0.622413	2.27682	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.23999	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00114679	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm28	LC2_MC_125	0.0	0.20	OK	0.24	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.022	0.244	0.000	0.244	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.20001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.264264	0.525155	-1.03476	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.23908	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000667107	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm28	LC2_MC_125	0.0	0.50	OK	0.09	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.028	0.092	0.000	0.092	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.264264	-0.946605	-0.222162	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.23908	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000667107	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm28	LC2_MC_125	0.0	0.75	OK	0.21	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.032	0.210	0.000	0.210	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.264264	-2.40293	0.455024	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.23908	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000667107	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm28	LC2_MC_125	0.0	1.00	OK	0.43	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.037	0.432	0.000	0.432	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.264264	-4.07369	1.13218	0	0	1	1	2721.81	232.372



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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.23908	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000667107	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm28	LC5_MC_075	0.0	0.00	OK	0.55	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.083	0.553	0.001	0.551	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	1.01696	0.0842296	2.58562	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.31926	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00256723	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm28	LC5_MC_075	0.0	0.20	OK	0.50	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.083	0.496	0.001	0.494	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.19999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	1.01696	0.16671	-2.29815	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.31926	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00256723	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm28	LC5_MC_075	0.0	0.20	OK	0.23	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.013	0.229	0.003	0.227	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.20001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	2.06377	0.146588	1.03859	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.32445	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00520978	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm28	LC5_MC_075	0.0	0.50	OK	0.08	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.018	0.082	0.003	0.079	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	2.06377	-0.663166	0.226217	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.32445	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00520978	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm28	LC5_MC_075	0.0	0.75	OK	0.17	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.023	0.172	0.003	0.169	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	2.06377	-1.5678	-0.450786	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.32445	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00520978	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm28	LC5_MC_075	0.0	1.00	OK	0.37	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.027	0.368	0.003	0.365	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000



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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	2	2	2	2	1	2	1	1
	2.06377	-2.68689	-1.12776	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.32445	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00520978	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm29	LC2_MC_125	0.0	0.00	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.013	0.000	0.013	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.371621	0.0110285	0.162452	0	0	1.00004	1.00042	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.49294	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.000707955	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm29	LC2_MC_125	0.0	0.12	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.018	0.000	0.018	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.12	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.371621	0.0505465	0.215919	0	0	1.00004	1.00042	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.49294	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.000707955	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm29	LC2_MC_125	0.0	0.24	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.022	0.000	0.021	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.23999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.371621	-0.0100877	0.269386	0	0	1.00004	1.00042	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.49294	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.000707955	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm29	LC2_MC_125	0.0	0.24	OK	0.05	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.029	0.046	0.001	0.045	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.24001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-1.15578	0.0145281	0.569394	0	0	1.00012	1.00131	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.49294	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.0022018	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm29	LC2_MC_125	0.0	0.50	OK	0.03	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.029	0.022	0.001	0.021	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-1.15578	-0.77654	0.0878119	0	0	1.00012	1.00131	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.49294	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.0022018	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm29	LC2_MC_125	0.0	0.75	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.030	0.065	0.001	0.064	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-1.15578	-1.97667	-0.375266	0	0	1.00012	1.00131	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.49294	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.0022018	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm29	LC2_MC_125	0.0	1.00	OK	0.13	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.034	0.131	0.001	0.129	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-1.15578	-3.61143	-0.838325	0	0	1.00012	1.00131	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.49294	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.0022018	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm29	LC5_MC_075	0.0	0.00	OK	0.01	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.010	0.002	0.000	0.002	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.104129	0.0246078	-0.022535	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.41796	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.000130275	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm29	LC5_MC_075	0.0	0.08	OK	0.01	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.010	0.007	0.000	0.007	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.08	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.104129	0.0421013	-0.0741104	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.41796	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.000130275	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm29	LC5_MC_075	0.0	0.24	OK	0.01	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.010	0.015	0.000	0.015	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.23999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.104129	-0.0564436	-0.177268	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.41796	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.000130275	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm29	LC5_MC_075	0.0	0.24	OK	0.04	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.039	0.028	0.000	0.028	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.24001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.550286	-0.0610314	-0.340086	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.41796	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.000688459	56.716	12.7499	1.12277e-07



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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	1.22772e-08	0	0						
Bm29	LC5_MC_075	0.0	0.50	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.039	0.019	0.000	0.019	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.550286	-0.897548	-0.0386674	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.41796	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.000688459	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm29	LC5_MC_075	0.0	0.75	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.039	0.058	0.000	0.057	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.550286	-2.14132	0.251169	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.41796	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.000688459	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm29	LC5_MC_075	0.0	1.00	OK	0.11	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.042	0.110	0.000	0.110	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.550286	-3.81969	0.540994	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.41796	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.000688459	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC2_MC_125	0.0	0.00	Failed(geo)	0.15	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.031	0.146	0.004	0.142	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	4	1	8	8	1	8	1	1
	6.20581	-0.00296478	-1.80496	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.59265	0	0	1.11787	5.08715	36.4366	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00776404	32.793	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC2_MC_125	0.0	0.06	Failed(geo)	0.10	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.031	0.099	0.004	0.095	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.05999	275000
	2.1e+08	4	1	8	8	1	8	1	1
	6.20581	-0.374948	1.06533	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.59265	0	0	1.11787	5.08715	36.4366	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00776404	32.793	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC2_MC_125	0.0	0.06	Failed(geo)	0.08	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.017	0.081	0.008	0.073	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.06001	275000
	2.1e+08	4	1	8	8	1	8	1	1
	13.1761	-0.609659	-0.696165	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371



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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	187760	1.59265	0	0	1.11787	5.08715	36.4366	2	14.1665
	280.5	1	5.34	284.625	799.301	0.0164845	32.793	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC2_MC_125	0.0	0.12	Failed(geo)	0.08	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.017	0.075	0.008	0.067	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.12499	275000
	2.1e+08	4	1	8	8	1	8	1	1
	13.1761	-1.29766	0.352894	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.59265	0	0	1.11787	5.08715	36.4366	2	14.1665
	280.5	1	5.34	284.625	799.301	0.0164845	32.793	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC2_MC_125	0.0	0.13	Failed(geo)	0.14	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.034	0.139	0.012	0.127	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.12501	275000
	2.1e+08	4	1	8	8	1	8	1	1
	18.6675	-1.46447	-1.05302	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.59265	0	0	1.11787	5.08715	36.4366	2	14.1665
	280.5	1	5.34	284.625	799.301	0.0233547	32.793	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC2_MC_125	0.0	0.25	Failed(geo)	0.33	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.034	0.332	0.012	0.320	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.24999	275000
	2.1e+08	4	1	8	8	1	8	1	1
	18.6675	-4.83047	2.20034	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.59265	0	0	1.11787	5.08715	36.4366	2	14.1665
	280.5	1	5.34	284.625	799.301	0.0233547	32.793	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC2_MC_125	0.0	0.25	Failed(geo)	0.20	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.032	0.201	0.020	0.181	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.25001	275000
	2.1e+08	4	1	8	8	1	8	1	1
	32.3423	-4.75605	0.455331	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.59265	0	0	1.11787	5.08715	36.4366	2	14.1665
	280.5	1	5.34	284.625	799.301	0.0404633	32.793	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC2_MC_125	0.0	0.32	Failed(geo)	0.19	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.028	0.189	0.020	0.169	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.32124	275000
	2.1e+08	4	1	8	8	1	8	1	1
	32.3423	-2.94976	1.00309	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.59265	0	0	1.11787	5.08715	36.4366	2	14.1665
	280.5	1	5.34	284.625	799.301	0.0404633	32.793	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC2_MC_125	0.0	0.32	Failed(geo)	0.27	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.040	0.266	0.017	0.249	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.32126	275000
	2.1e+08	4	1	8	8	1	8	1	1



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Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	27.2395	-2.7938	2.08946	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.59265	0	0	1.11787	5.08715	36.4366	2	14.1665
	280.5	1	5.34	284.625	799.301	0.0340792	32.793	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC2_MC_125	0.0	0.37	Failed(geo)	0.10	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.040	0.098	0.017	0.081	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.37499	275000
	2.1e+08	4	1	8	8	1	8	1	1
	27.2395	-1.86679	-0.312359	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.59265	0	0	1.11787	5.08715	36.4366	2	14.1665
	280.5	1	5.34	284.625	799.301	0.0340792	32.793	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC2_MC_125	0.0	0.38	Failed(geo)	0.20	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.039	0.203	0.011	0.193	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.37501	275000
	2.1e+08	4	1	8	8	1	8	1	1
	17.0429	-1.55934	1.85104	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.59265	0	0	1.11787	5.08715	36.4366	2	14.1665
	280.5	1	5.34	284.625	799.301	0.0213223	32.793	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC2_MC_125	0.0	0.44	Failed(geo)	0.13	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.039	0.127	0.011	0.116	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.43749	275000
	2.1e+08	4	1	8	8	1	8	1	1
	17.0429	-0.738891	-1.19531	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.59265	0	0	1.11787	5.08715	36.4366	2	14.1665
	280.5	1	5.34	284.625	799.301	0.0213223	32.793	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC2_MC_125	0.0	0.44	Failed(geo)	0.12	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.035	0.122	0.003	0.119	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.43751	275000
	2.1e+08	4	1	8	8	1	8	1	1
	4.98193	-0.376481	1.37439	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.59265	0	0	1.11787	5.08715	36.4366	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00623285	32.793	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC2_MC_125	0.0	0.50	Failed(geo)	0.11	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.035	0.109	0.003	0.106	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.49999	275000
	2.1e+08	4	1	8	8	1	8	1	1
	4.98193	-0.321426	-1.22609	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.59265	0	0	1.11787	5.08715	36.4366	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00623285	32.793	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC2_MC_125	0.0	0.50	Failed(geo)	0.12	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.039	0.121	0.007	0.114	0.000	0.000	0.000	0.000	348.062



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Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	51.7827	0	0.5	0	0	0	0	0.50001	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-7.47185	0.0527001	1.43185	0	0	1.003	1.00212	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.59265	0	0	1.11787	5.08715	36.4366	2	14.1665
	280.5	1	5.34	284.625	545.734	0.0136914	32.793	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC2_MC_125	0.0	0.56	Failed(geo)	0.14	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.039	0.137	0.007	0.130	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.56249	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-7.47185	0.0776166	-1.63076	0	0	1.003	1.00212	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.59265	0	0	1.11787	5.08715	36.4366	2	14.1665
	280.5	1	5.34	284.625	545.734	0.0136914	32.793	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC2_MC_125	0.0	0.56	Failed(geo)	0.11	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.041	0.105	0.018	0.087	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.56251	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-19.5686	0.444576	0.938559	0	0	1.0079	1.00556	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.59265	0	0	1.11787	5.08715	36.4366	2	14.1665
	280.5	1	5.34	284.625	545.734	0.0358573	32.793	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC2_MC_125	0.0	0.62	Failed(geo)	0.19	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.041	0.188	0.018	0.170	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.62499	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-19.5686	-0.686983	-1.90626	0	0	1.0079	1.00556	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.59265	0	0	1.11787	5.08715	36.4366	2	14.1665
	280.5	1	5.34	284.625	545.734	0.0358573	32.793	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC2_MC_125	0.0	0.63	Failed(geo)	0.05	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.032	0.049	0.025	0.024	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.62501	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-27.4743	-0.448427	-0.133117	0	0	1.01113	1.00783	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.59265	0	0	1.11787	5.08715	36.4366	2	14.1665
	280.5	1	5.34	284.625	545.734	0.0503439	32.793	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC2_MC_125	0.0	0.75	Failed(geo)	0.24	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.037	0.235	0.025	0.210	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.74999	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-27.4743	-3.75282	-1.22043	0	0	1.01113	1.00783	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.59265	0	0	1.11787	5.08715	36.4366	2	14.1665
	280.5	1	5.34	284.625	545.734	0.0503439	32.793	12.7499	1.12277e-07
	1.22772e-08	0	0						



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Report:
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Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm30	LC2_MC_125	0.0	0.75	Failed(geo)	0.28	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.052	0.279	0.016	0.263	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.75001	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-17.151	-3.78237	-1.88439	0	0	1.00692	1.00487	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.59265	0	0	1.11787	5.08715	36.4366	2	14.1665
	280.5	1	5.34	284.625	545.734	0.0314275	32.793	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC2_MC_125	0.0	0.87	Failed(geo)	0.08	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.052	0.084	0.016	0.068	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.87499	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-17.151	-0.821144	0.549584	0	0	1.00692	1.00487	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.59265	0	0	1.11787	5.08715	36.4366	2	14.1665
	280.5	1	5.34	284.625	545.734	0.0314275	32.793	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC2_MC_125	0.0	0.88	Failed(geo)	0.09	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.050	0.094	0.012	0.082	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.87501	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-13.1424	-0.932713	-0.680632	0	0	1.00529	1.00373	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.59265	0	0	1.11787	5.08715	36.4366	2	14.1665
	280.5	1	5.34	284.625	545.734	0.0240821	32.793	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC2_MC_125	0.0	0.94	Failed(geo)	0.11	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.050	0.106	0.012	0.094	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.93999	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-13.1424	-0.085079	1.16436	0	0	1.00529	1.00373	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.59265	0	0	1.11787	5.08715	36.4366	2	14.1665
	280.5	1	5.34	284.625	545.734	0.0240821	32.793	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC2_MC_125	0.0	0.94	Failed(geo)	0.07	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.051	0.071	0.005	0.066	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.94001	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-5.45402	-0.303677	-0.726372	0	0	1.00219	1.00154	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.59265	0	0	1.11787	5.08715	36.4366	2	14.1665
	280.5	1	5.34	284.625	545.734	0.00999391	32.793	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC2_MC_125	0.0	1.00	Failed(geo)	0.14	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.051	0.138	0.005	0.133	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-5.45402	-0.0197346	1.68513	0	0	1.00219	1.00154	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.59265	0	0	1.11787	5.08715	36.4366	2	14.1665



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	280.5	1	5.34	284.625	545.734	0.00999391	32.793	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC5_MC_075	0.0	0.00	Failed(geo)	0.16	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.030	0.161	0.006	0.155	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-6.59084	-0.0210487	1.97102	0	0	1.00265	1.00187	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.4155	0	0	1.11787	5.08715	32.3839	2	14.1665
	280.5	1	5.34	284.625	545.734	0.012077	29.1455	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC5_MC_075	0.0	0.06	Failed(geo)	0.10	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.030	0.099	0.006	0.093	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.05999	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-6.59084	-0.40357	-1.01268	0	0	1.00265	1.00187	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.4155	0	0	1.11787	5.08715	32.3839	2	14.1665
	280.5	1	5.34	284.625	545.734	0.012077	29.1455	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC5_MC_075	0.0	0.06	Failed(geo)	0.09	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.015	0.093	0.013	0.080	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.06001	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-14.0947	-0.224793	0.916792	0	0	1.00568	1.004	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.4155	0	0	1.11787	5.08715	32.3839	2	14.1665
	280.5	1	5.34	284.625	545.734	0.025827	29.1455	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC5_MC_075	0.0	0.12	Failed(geo)	0.09	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.015	0.088	0.013	0.075	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.12499	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-14.0947	-0.772214	-0.617927	0	0	1.00568	1.004	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.4155	0	0	1.11787	5.08715	32.3839	2	14.1665
	280.5	1	5.34	284.625	545.734	0.025827	29.1455	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC5_MC_075	0.0	0.13	Failed(geo)	0.11	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.020	0.106	0.018	0.088	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.12501	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-19.7782	-0.608326	0.860342	0	0	1.00799	1.00562	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.4155	0	0	1.11787	5.08715	32.3839	2	14.1665
	280.5	1	5.34	284.625	545.734	0.0362415	29.1455	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC5_MC_075	0.0	0.25	Failed(geo)	0.33	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.024	0.332	0.018	0.314	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.24999	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-19.7782	-4.32598	-2.10944	0	0	1.00799	1.00562	2496.23	3536.08



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Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.4155	0	0	1.11787	5.08715	32.3839	2	14.1665
	280.5	1	5.34	284.625	545.734	0.0362415	29.1455	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC5_MC_075	0.0	0.25	Failed(geo)	0.21	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.031	0.210	0.029	0.181	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.25001	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-31.4358	-4.29283	-0.430675	0	0	1.01275	1.00897	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.4155	0	0	1.11787	5.08715	32.3839	2	14.1665
	280.5	1	5.34	284.625	545.734	0.0576028	29.1455	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC5_MC_075	0.0	0.32	Failed(geo)	0.18	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.028	0.175	0.029	0.146	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.32124	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-31.4358	-1.9658	-1.00716	0	0	1.01275	1.00897	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.4155	0	0	1.11787	5.08715	32.3839	2	14.1665
	280.5	1	5.34	284.625	545.734	0.0576028	29.1455	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC5_MC_075	0.0	0.32	Failed(geo)	0.26	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.031	0.259	0.024	0.234	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.32126	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-26.5414	-2.10972	-2.06396	0	0	1.01075	1.00756	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.4155	0	0	1.11787	5.08715	32.3839	2	14.1665
	280.5	1	5.34	284.625	545.734	0.0486343	29.1455	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC5_MC_075	0.0	0.37	Failed(geo)	0.08	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.031	0.082	0.024	0.058	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.37499	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-26.5414	-0.616733	0.46358	0	0	1.01075	1.00756	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.4155	0	0	1.11787	5.08715	32.3839	2	14.1665
	280.5	1	5.34	284.625	545.734	0.0486343	29.1455	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC5_MC_075	0.0	0.38	Failed(geo)	0.17	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.028	0.172	0.015	0.157	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.37501	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-16.8667	-0.907289	-1.59924	0	0	1.0068	1.00479	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.4155	0	0	1.11787	5.08715	32.3839	2	14.1665
	280.5	1	5.34	284.625	545.734	0.0309064	29.1455	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC5_MC_075	0.0	0.44	Failed(geo)	0.10	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.028	0.099	0.015	0.084	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.43749	275000



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	4	1	8	8	1	8	1	1
	-16.8667	0.305532	0.932931	0	0	1.0068	1.00479	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.4155	0	0	1.11787	5.08715	32.3839	2	14.1665
	280.5	1	5.34	284.625	545.734	0.0309064	29.1455	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC5_MC_075	0.0	0.44	Failed(geo)	0.13	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.035	0.129	0.005	0.124	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.43751	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-5.18938	-0.0476709	-1.55984	0	0	1.00208	1.00147	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.4155	0	0	1.11787	5.08715	32.3839	2	14.1665
	280.5	1	5.34	284.625	545.734	0.009509	29.1455	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC5_MC_075	0.0	0.50	Failed(geo)	0.11	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.035	0.112	0.005	0.107	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.49999	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-5.18938	-0.0447687	1.34446	0	0	1.00208	1.00147	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.4155	0	0	1.11787	5.08715	32.3839	2	14.1665
	280.5	1	5.34	284.625	545.734	0.009509	29.1455	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC5_MC_075	0.0	0.50	Failed(geo)	0.12	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.033	0.120	0.004	0.115	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.50001	275000
	2.1e+08	4	1	8	8	1	8	1	1
	7.14012	-0.414872	-1.28597	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.4155	0	0	1.11787	5.08715	32.3839	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00893295	29.1455	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC5_MC_075	0.0	0.56	Failed(geo)	0.13	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.033	0.131	0.004	0.126	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.56249	275000
	2.1e+08	4	1	8	8	1	8	1	1
	7.14012	-0.411145	1.42813	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.4155	0	0	1.11787	5.08715	32.3839	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00893295	29.1455	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC5_MC_075	0.0	0.56	Failed(geo)	0.13	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.036	0.130	0.012	0.117	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.56251	275000
	2.1e+08	4	1	8	8	1	8	1	1
	19.3508	-0.77805	-1.15679	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.4155	0	0	1.11787	5.08715	32.3839	2	14.1665
	280.5	1	5.34	284.625	799.301	0.0242096	29.1455	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC5_MC_075	0.0	0.62	Failed(geo)	0.22	ufH1	sldTens	AISC member	ver_profil_4.run(1)



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.036	0.222	0.012	0.210	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.62499	275000
	2.1e+08	4	1	8	8	1	8	1	1
	19.3508	-1.39816	2.06563	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.4155	0	0	1.11787	5.08715	32.3839	2	14.1665
	280.5	1	5.34	284.625	799.301	0.0242096	29.1455	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC5_MC_075	0.0	0.63	Failed(geo)	0.09	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.024	0.092	0.017	0.075	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.62501	275000
	2.1e+08	4	1	8	8	1	8	1	1
	27.5434	-1.64532	0.232145	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.4155	0	0	1.11787	5.08715	32.3839	2	14.1665
	280.5	1	5.34	284.625	799.301	0.0344594	29.1455	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC5_MC_075	0.0	0.75	Failed(geo)	0.26	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.029	0.255	0.017	0.238	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.74999	275000
	2.1e+08	4	1	8	8	1	8	1	1
	27.5434	-4.22979	1.18401	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.4155	0	0	1.11787	5.08715	32.3839	2	14.1665
	280.5	1	5.34	284.625	799.301	0.0344594	29.1455	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC5_MC_075	0.0	0.75	Failed(geo)	0.31	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.041	0.312	0.010	0.303	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.75001	275000
	2.1e+08	4	1	8	8	1	8	1	1
	15.6358	-4.30024	1.97772	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.4155	0	0	1.11787	5.08715	32.3839	2	14.1665
	280.5	1	5.34	284.625	799.301	0.0195618	29.1455	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC5_MC_075	0.0	0.87	Failed(geo)	0.12	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.041	0.121	0.010	0.111	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.87499	275000
	2.1e+08	4	1	8	8	1	8	1	1
	15.6358	-1.49073	-0.767794	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.4155	0	0	1.11787	5.08715	32.3839	2	14.1665
	280.5	1	5.34	284.625	799.301	0.0195618	29.1455	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC5_MC_075	0.0	0.88	Failed(geo)	0.09	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.032	0.087	0.007	0.080	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.87501	275000
	2.1e+08	4	1	8	8	1	8	1	1
	11.6577	-1.36811	0.423276	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.4155	0	0	1.11787	5.08715	32.3839	2	14.1665
	280.5	1	5.34	284.625	799.301	0.0145849	29.1455	12.7499	1.12277e-07



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	1.22772e-08	0	0						
Bm30	LC5_MC_075	0.0	0.94	Failed(geo)	0.10	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.032	0.103	0.007	0.095	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.93999	275000
	2.1e+08	4	1	8	8	1	8	1	1
	11.6577	-0.471725	-1.01068	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.4155	0	0	1.11787	5.08715	32.3839	2	14.1665
	280.5	1	5.34	284.625	799.301	0.0145849	29.1455	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC5_MC_075	0.0	0.94	Failed(geo)	0.06	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.035	0.065	0.003	0.062	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.94001	275000
	2.1e+08	4	1	8	8	1	8	1	1
	4.64457	-0.25396	0.675635	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.4155	0	0	1.11787	5.08715	32.3839	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00581078	29.1455	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm30	LC5_MC_075	0.0	1.00	Failed(geo)	0.11	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.035	0.112	0.003	0.110	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	4	1	8	8	1	8	1	1
	4.64457	0.00356871	-1.39476	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.4155	0	0	1.11787	5.08715	32.3839	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00581078	29.1455	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm31	LC2_MC_125	0.0	0.00	OK	0.14	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.030	0.138	0.005	0.133	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-5.01789	-0.000595217	1.69243	0	0	1.0005	1.00571	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.47381	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.00955929	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm31	LC2_MC_125	0.0	0.04	OK	0.10	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.030	0.103	0.005	0.098	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.04	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-5.01789	0.00768845	1.25373	0	0	1.0005	1.00571	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.47381	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.00955929	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm31	LC2_MC_125	0.0	0.24	OK	0.08	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.030	0.081	0.005	0.076	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.23999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-5.01789	-0.117888	-0.940224	0	0	1.0005	1.00571	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	180600	2.47381	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.00955929	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm31	LC2_MC_125	0.0	0.24	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.027	0.035	0.009	0.026	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.24001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-8.97921	-0.00435772	0.333362	0	0	1.0009	1.01026	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.47381	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.0171058	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm31	LC2_MC_125	0.0	0.50	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.027	0.034	0.009	0.026	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-8.97921	-0.831812	-0.142901	0	0	1.0009	1.01026	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.47381	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.0171058	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm31	LC2_MC_125	0.0	0.75	OK	0.09	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.029	0.092	0.009	0.084	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-8.97921	-2.06727	-0.600863	0	0	1.0009	1.01026	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.47381	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.0171058	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm31	LC2_MC_125	0.0	1.00	OK	0.16	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.032	0.157	0.009	0.149	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-8.97921	-3.73771	-1.05881	0	0	1.0009	1.01026	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.47381	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.0171058	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm31	LC5_MC_075	0.0	0.00	OK	0.11	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.024	0.112	0.003	0.110	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	4.31477	0.0155014	-1.39501	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.27361	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00539818	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm31	LC5_MC_075	0.0	0.04	OK	0.08	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.024	0.083	0.003	0.081	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.04	275000
	2.1e+08	2	2	2	2	1	2	1	1



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Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	4.31477	0.0194817	-1.02354	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.27361	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00539818	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm31	LC5_MC_075	0.0	0.24	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.024	0.070	0.003	0.068	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.23999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	4.31477	-0.127532	0.834191	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.27361	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00539818	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm31	LC5_MC_075	0.0	0.24	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.039	0.030	0.005	0.025	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.24001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	7.8308	-0.222867	-0.272311	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.27361	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00979706	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm31	LC5_MC_075	0.0	0.50	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.039	0.036	0.005	0.031	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	7.8308	-1.1668	0.132276	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.27361	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00979706	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm31	LC5_MC_075	0.0	0.75	OK	0.09	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.039	0.090	0.005	0.085	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	7.8308	-2.51386	0.521317	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.27361	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00979706	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm31	LC5_MC_075	0.0	1.00	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.043	0.152	0.005	0.147	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	7.8308	-4.29551	0.910342	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.27361	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00979706	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC2_MC_125	0.0	0.00	Failed(geo)	0.02	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.013	0.016	0.000	0.016	0.000	0.000	0.000	0.000	348.062



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	51.7827	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	4	1	8	8	1	8	1	1
	0.5758	0.00974422	-0.198465	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.38951	0	0	1.11787	5.08715	31.7893	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00072038	28.6104	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC2_MC_125	0.0	0.06	Failed(geo)	0.02	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.013	0.016	0.000	0.016	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.05999	275000
	2.1e+08	4	1	8	8	1	8	1	1
	0.5758	-0.256475	0.08857	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.38951	0	0	1.11787	5.08715	31.7893	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00072038	28.6104	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC2_MC_125	0.0	0.06	Failed(geo)	0.03	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.012	0.025	0.001	0.024	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.06001	275000
	2.1e+08	4	1	8	8	1	8	1	1
	1.68954	-0.286503	-0.179383	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.38951	0	0	1.11787	5.08715	31.7893	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00211377	28.6104	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC2_MC_125	0.0	0.12	Failed(geo)	0.05	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.015	0.047	0.001	0.046	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.12499	275000
	2.1e+08	4	1	8	8	1	8	1	1
	1.68954	-1.08504	0.100467	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.38951	0	0	1.11787	5.08715	31.7893	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00211377	28.6104	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC2_MC_125	0.0	0.13	Failed(geo)	0.05	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.028	0.049	0.002	0.047	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.12501	275000
	2.1e+08	4	1	8	8	1	8	1	1
	2.47191	-1.11053	-0.108802	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.38951	0	0	1.11787	5.08715	31.7893	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00309259	28.6104	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC2_MC_125	0.0	0.25	Failed(geo)	0.20	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.034	0.198	0.002	0.196	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.24999	275000
	2.1e+08	4	1	8	8	1	8	1	1
	2.47191	-4.7337	0.390585	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.38951	0	0	1.11787	5.08715	31.7893	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00309259	28.6104	12.7499	1.12277e-07
	1.22772e-08	0	0						



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm32	LC2_MC_125	0.0	0.25	Failed(geo)	0.33	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.043	0.335	0.001	0.334	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.25001	275000
	2.1e+08	4	1	8	8	1	8	1	1
	1.33937	-4.78692	2.12678	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.38951	0	0	1.11787	5.08715	31.7893	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00167567	28.6104	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC2_MC_125	0.0	0.37	Failed(geo)	0.08	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.043	0.085	0.001	0.084	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.37499	275000
	2.1e+08	4	1	8	8	1	8	1	1
	1.33937	-1.69367	0.316232	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.38951	0	0	1.11787	5.08715	31.7893	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00167567	28.6104	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC2_MC_125	0.0	0.38	Failed(geo)	0.17	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.038	0.166	0.000	0.166	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.37501	275000
	2.1e+08	4	1	8	8	1	8	1	1
	0.261074	-1.65927	1.37597	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.38951	0	0	1.11787	5.08715	31.7893	2	14.1665
	280.5	1	5.34	284.625	799.301	0.000326627	28.6104	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC2_MC_125	0.0	0.50	Failed(geo)	0.08	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.038	0.082	0.000	0.082	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.49999	275000
	2.1e+08	4	1	8	8	1	8	1	1
	0.261074	-0.808134	-0.68808	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.38951	0	0	1.11787	5.08715	31.7893	2	14.1665
	280.5	1	5.34	284.625	799.301	0.000326627	28.6104	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC2_MC_125	0.0	0.50	Failed(geo)	0.08	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.037	0.076	0.001	0.075	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.50001	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-1.04926	-0.768335	0.613034	0	0	1.00042	1.0003	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.38951	0	0	1.11787	5.08715	31.7893	2	14.1665
	280.5	1	5.34	284.625	545.734	0.00192266	28.6104	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC2_MC_125	0.0	0.62	Failed(geo)	0.17	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.037	0.171	0.001	0.170	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.62499	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-1.04926	-1.60802	-1.44683	0	0	1.00042	1.0003	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.38951	0	0	1.11787	5.08715	31.7893	2	14.1665



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	280.5	1	5.34	284.625	545.734	0.00192266	28.6104	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC2_MC_125	0.0	0.63	Failed(geo)	0.09	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.032	0.092	0.002	0.090	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.62501	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-2.07048	-1.57784	-0.450037	0	0	1.00083	1.00059	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.38951	0	0	1.11787	5.08715	31.7893	2	14.1665
	280.5	1	5.34	284.625	545.734	0.00379394	28.6104	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC2_MC_125	0.0	0.75	Failed(geo)	0.30	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.035	0.296	0.002	0.294	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.74999	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-2.07048	-4.61133	-1.69376	0	0	1.00083	1.00059	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.38951	0	0	1.11787	5.08715	31.7893	2	14.1665
	280.5	1	5.34	284.625	545.734	0.00379394	28.6104	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC2_MC_125	0.0	0.75	Failed(geo)	0.22	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.046	0.223	0.001	0.222	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.75001	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-1.1335	-4.52003	-0.815087	0	0	1.00045	1.00032	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.38951	0	0	1.11787	5.08715	31.7893	2	14.1665
	280.5	1	5.34	284.625	545.734	0.00207701	28.6104	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC2_MC_125	0.0	0.87	Failed(geo)	0.06	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.045	0.058	0.001	0.057	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.87499	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-1.1335	-1.37764	0.109579	0	0	1.00045	1.00032	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.38951	0	0	1.11787	5.08715	31.7893	2	14.1665
	280.5	1	5.34	284.625	545.734	0.00207701	28.6104	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC2_MC_125	0.0	0.88	Failed(geo)	0.05	ufH1	sldTens	AISC member	ver_profilii_4.run(1)
	0.035	0.053	0.001	0.053	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.87501	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-0.667375	-1.38402	-0.057306	0	0	1.00027	1.00019	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.38951	0	0	1.11787	5.08715	31.7893	2	14.1665
	280.5	1	5.34	284.625	545.734	0.0012229	28.6104	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC2_MC_125	0.0	0.94	Failed(geo)	0.04	ufShear	sldTens	AISC member	ver_profilii_4.run(1)
	0.035	0.031	0.001	0.030	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.93999	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-0.667375	-0.392326	0.206773	0	0	1.00027	1.00019	2496.23	3536.08



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Report: 052400BZCZ00001_PRDE

Report: Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date: 05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.38951	0	0	1.11787	5.08715	31.7893	2	14.1665
	280.5	1	5.34	284.625	545.734	0.0012229	28.6104	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC2_MC_125	0.0	0.94	Failed(geo)	0.03	ufShear	sldTens	AISC member	ver_profil_4.run(1)
	0.031	0.016	0.000	0.015	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.94001	275000
	2.1e+08	4	1	8	8	1	8	1	1
	0.222704	-0.405192	-0.015969	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.38951	0	0	1.11787	5.08715	31.7893	2	14.1665
	280.5	1	5.34	284.625	799.301	0.000278623	28.6104	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC2_MC_125	0.0	1.00	Failed(geo)	0.03	ufShear	sldTens	AISC member	ver_profil_4.run(1)
	0.031	0.014	0.000	0.014	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	4	1	8	8	1	8	1	1
	0.222704	-0.0257754	0.16235	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.38951	0	0	1.11787	5.08715	31.7893	2	14.1665
	280.5	1	5.34	284.625	799.301	0.000278623	28.6104	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC5_MC_075	0.0	0.00	Failed(geo)	0.03	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.007	0.032	0.001	0.032	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-0.943266	-0.0144048	0.395702	0	0	1.00038	1.00027	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.40201	0	0	1.11787	5.08715	32.0752	2	14.1665
	280.5	1	5.34	284.625	545.734	0.00172844	28.8677	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC5_MC_075	0.0	0.06	Failed(geo)	0.02	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.007	0.023	0.001	0.023	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.05999	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-0.943266	-0.337718	-0.138314	0	0	1.00038	1.00027	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.40201	0	0	1.11787	5.08715	32.0752	2	14.1665
	280.5	1	5.34	284.625	545.734	0.00172844	28.8677	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC5_MC_075	0.0	0.06	Failed(geo)	0.04	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.008	0.036	0.002	0.034	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.06001	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-2.70403	-0.290504	0.303764	0	0	1.00108	1.00077	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.40201	0	0	1.11787	5.08715	32.0752	2	14.1665
	280.5	1	5.34	284.625	545.734	0.00495485	28.8677	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC5_MC_075	0.0	0.12	Failed(geo)	0.06	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.011	0.058	0.002	0.056	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.12499	275000



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	4	1	8	8	1	8	1	1
	-2.70403	-1.14716	-0.20451	0	0	1.00108	1.00077	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.40201	0	0	1.11787	5.08715	32.0752	2	14.1665
	280.5	1	5.34	284.625	545.734	0.00495485	28.8677	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC5_MC_075	0.0	0.13	Failed(geo)	0.05	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.018	0.047	0.003	0.044	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.12501	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-3.53756	-1.12853	0.0638314	0	0	1.00142	1.001	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.40201	0	0	1.11787	5.08715	32.0752	2	14.1665
	280.5	1	5.34	284.625	545.734	0.00648222	28.8677	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC5_MC_075	0.0	0.25	Failed(geo)	0.21	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.025	0.207	0.003	0.204	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.24999	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-3.53756	-4.52744	-0.596282	0	0	1.00142	1.001	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.40201	0	0	1.11787	5.08715	32.0752	2	14.1665
	280.5	1	5.34	284.625	545.734	0.00648222	28.8677	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC5_MC_075	0.0	0.25	Failed(geo)	0.31	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.036	0.309	0.003	0.306	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.25001	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-2.84663	-4.73094	-1.81693	0	0	1.00114	1.00081	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.40201	0	0	1.11787	5.08715	32.0752	2	14.1665
	280.5	1	5.34	284.625	545.734	0.00521614	28.8677	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC5_MC_075	0.0	0.37	Failed(geo)	0.09	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.033	0.089	0.003	0.087	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.37499	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-2.84663	-1.61598	-0.393046	0	0	1.00114	1.00081	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.40201	0	0	1.11787	5.08715	32.0752	2	14.1665
	280.5	1	5.34	284.625	545.734	0.00521614	28.8677	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC5_MC_075	0.0	0.38	Failed(geo)	0.17	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.033	0.167	0.002	0.166	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.37501	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-1.82988	-1.64574	-1.38722	0	0	1.00073	1.00052	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.40201	0	0	1.11787	5.08715	32.0752	2	14.1665
	280.5	1	5.34	284.625	545.734	0.00335306	28.8677	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC5_MC_075	0.0	0.50	Failed(geo)	0.07	ufH1	sldTens	AISC member	ver_profil_4.run(1)



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Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.033	0.074	0.002	0.072	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.49999	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-1.82988	-0.720354	0.598041	0	0	1.00073	1.00052	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.40201	0	0	1.11787	5.08715	32.0752	2	14.1665
	280.5	1	5.34	284.625	545.734	0.00335306	28.8677	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC5_MC_075	0.0	0.50	Failed(geo)	0.08	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.033	0.081	0.000	0.080	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.50001	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-0.538026	-0.759248	-0.6851	0	0	1.00022	1.00015	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.40201	0	0	1.11787	5.08715	32.0752	2	14.1665
	280.5	1	5.34	284.625	545.734	0.000985877	28.8677	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC5_MC_075	0.0	0.62	Failed(geo)	0.16	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.033	0.163	0.000	0.163	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.62499	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-0.538026	-1.52517	1.3994	0	0	1.00022	1.00015	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.40201	0	0	1.11787	5.08715	32.0752	2	14.1665
	280.5	1	5.34	284.625	545.734	0.000985877	28.8677	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC5_MC_075	0.0	0.63	Failed(geo)	0.08	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.025	0.083	0.000	0.083	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.62501	275000
	2.1e+08	4	1	8	8	1	8	1	1
	0.515352	-1.55819	0.365486	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.40201	0	0	1.11787	5.08715	32.0752	2	14.1665
	280.5	1	5.34	284.625	799.301	0.000644753	28.8677	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC5_MC_075	0.0	0.75	Failed(geo)	0.31	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.029	0.313	0.000	0.313	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.74999	275000
	2.1e+08	4	1	8	8	1	8	1	1
	0.515352	-4.57289	1.96602	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.40201	0	0	1.11787	5.08715	32.0752	2	14.1665
	280.5	1	5.34	284.625	799.301	0.000644753	28.8677	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC5_MC_075	0.0	0.75	Failed(geo)	0.21	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.039	0.208	0.000	0.208	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.75001	275000
	2.1e+08	4	1	8	8	1	8	1	1
	0.690224	-4.57182	0.630078	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.40201	0	0	1.11787	5.08715	32.0752	2	14.1665
	280.5	1	5.34	284.625	799.301	0.000863534	28.8677	12.7499	1.12277e-07



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	1.22772e-08	0	0						
Bm32	LC5_MC_075	0.0	0.87	Failed(geo)	0.06	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.034	0.060	0.000	0.060	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.87499	275000
	2.1e+08	4	1	8	8	1	8	1	1
	0.690224	-1.27601	-0.201706	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.40201	0	0	1.11787	5.08715	32.0752	2	14.1665
	280.5	1	5.34	284.625	799.301	0.000863534	28.8677	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC5_MC_075	0.0	0.88	Failed(geo)	0.05	ufH1	sldTens	AISC member	ver_profil_4.run(1)
	0.023	0.049	0.000	0.049	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.87501	275000
	2.1e+08	4	1	8	8	1	8	1	1
	0.249323	-1.26009	-0.0644577	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.40201	0	0	1.11787	5.08715	32.0752	2	14.1665
	280.5	1	5.34	284.625	799.301	0.000311926	28.8677	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC5_MC_075	0.0	0.94	Failed(geo)	0.02	ufShear	sldTens	AISC member	ver_profil_4.run(1)
	0.020	0.019	0.000	0.019	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.93999	275000
	2.1e+08	4	1	8	8	1	8	1	1
	0.249323	-0.337504	-0.0945807	0	0	1	1	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.40201	0	0	1.11787	5.08715	32.0752	2	14.1665
	280.5	1	5.34	284.625	799.301	0.000311926	28.8677	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC5_MC_075	0.0	0.94	Failed(geo)	0.02	ufShear	sldTens	AISC member	ver_profil_4.run(1)
	0.017	0.013	0.000	0.013	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.94001	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-0.322386	-0.317513	0.0274474	0	0	1.00013	1.00009	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.40201	0	0	1.11787	5.08715	32.0752	2	14.1665
	280.5	1	5.34	284.625	545.734	0.000590739	28.8677	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm32	LC5_MC_075	0.0	1.00	Failed(geo)	0.02	ufShear	sldTens	AISC member	ver_profil_4.run(1)
	0.017	0.002	0.000	0.002	0.000	0.000	0.000	0.000	348.062
	51.7827	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	4	1	8	8	1	8	1	1
	-0.322386	0.00202407	-0.0225223	0	0	1.00013	1.00009	2496.23	3536.08
	888.112	1	1	765.237	236952	606.371	187760	1	606.371
	187760	1.40201	0	0	1.11787	5.08715	32.0752	2	14.1665
	280.5	1	5.34	284.625	545.734	0.000590739	28.8677	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm42	LC2_MC_125	0.0	0.00	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	1e-05	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-2.99416e-12	-4.69571e-09	-7.98112e-15	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	234903	2.42856	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	6.09095e-15	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm42	LC2_MC_125	0.0	0.25	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.003	0.002	0.000	0.002	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.25	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-2.99416e-12	-0.0891211	-2.20651e-14	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.42856	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	6.09095e-15	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm42	LC2_MC_125	0.0	0.33	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.004	0.004	0.000	0.004	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.333323	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-2.99416e-12	-0.156496	-2.67594e-14	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.42856	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	6.09095e-15	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm42	LC2_MC_125	0.0	0.33	OK	0.64	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.065	0.636	0.003	0.633	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.333343	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-3.06263	-0.0917372	-5.35003	0	0	1.00026	1.00147	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.42856	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	0.00623022	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm42	LC2_MC_125	0.0	0.50	OK	0.26	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.065	0.256	0.003	0.252	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.5	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-3.06263	-0.223322	-2.09367	0	0	1.00026	1.00147	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.42856	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	0.00623022	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm42	LC2_MC_125	0.0	0.75	OK	0.35	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.065	0.346	0.003	0.343	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.75	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-3.06263	-0.56486	2.79116	0	0	1.00026	1.00147	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.42856	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	0.00623022	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm42	LC2_MC_125	0.0	0.90	OK	0.70	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.065	0.699	0.003	0.696	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.89999	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	-3.06263	-0.850783	5.72187	0	0	1.00026	1.00147	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.42856	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	0.00623022	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm42	LC2_MC_125	0.0	0.90	OK	0.70	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.065	0.699	0.003	0.696	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.90001	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-3.06263	-0.850826	5.72226	0	0	1.00026	1.00147	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.42856	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	0.00623022	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm42	LC2_MC_125	0.0	1.00	OK	0.94	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.065	0.935	0.003	0.932	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.99999	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-3.06263	-1.07866	7.6758	0	0	1.00026	1.00147	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.42856	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	0.00623022	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm42	LC5_MC_075	0.0	0.00	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	1e-05	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-1.90618e-12	-4.69572e-09	1.65413e-15	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.20856	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	3.87769e-15	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm42	LC5_MC_075	0.0	0.25	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.003	0.002	0.000	0.002	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.25	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-1.90618e-12	-0.0891211	-2.1772e-14	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.20856	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	3.87769e-15	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm42	LC5_MC_075	0.0	0.33	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.004	0.004	0.000	0.004	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.333323	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-1.90618e-12	-0.156496	-2.95801e-14	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.20856	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	3.87769e-15	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm42	LC5_MC_075	0.0	0.33	OK	0.63	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.067	0.631	0.003	0.629	0.000	0.000	0.000	0.000	72.086



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.333343	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	2.99557	-0.214768	5.28629	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.21213	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	575.487	0.00520527	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm42	LC5_MC_075	0.0	0.50	OK	0.25	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.067	0.255	0.003	0.252	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.5	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	2.99557	-0.275795	2.07833	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.21213	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	575.487	0.00520527	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm42	LC5_MC_075	0.0	0.75	OK	0.34	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.067	0.338	0.003	0.335	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.75	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	2.99557	-0.511453	-2.73389	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.21213	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	575.487	0.00520527	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm42	LC5_MC_075	0.0	0.90	OK	0.68	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.067	0.684	0.003	0.681	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.89999	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	2.99557	-0.733831	-5.62103	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.21213	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	575.487	0.00520527	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm42	LC5_MC_075	0.0	0.90	OK	0.68	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.067	0.684	0.003	0.681	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.90001	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	2.99557	-0.733865	-5.62142	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.21213	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	575.487	0.00520527	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm42	LC5_MC_075	0.0	1.00	OK	0.92	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.067	0.915	0.003	0.913	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.99999	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	2.99557	-0.919334	-7.54592	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.21213	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	575.487	0.00520527	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm45	LC2_MC_125	0.0	0.00	OK	0.00	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	1e-05	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-5.04372e-12	-4.69569e-09	2.01939e-14	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.34354	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	1.02603e-14	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm45	LC2_MC_125	0.0	0.25	OK	0.00	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.003	0.002	0.000	0.002	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.25	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-5.04372e-12	-0.0891211	-5.68934e-15	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.34354	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	1.02603e-14	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm45	LC2_MC_125	0.0	0.33	OK	0.00	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.004	0.004	0.000	0.004	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.333323	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-5.04372e-12	-0.156496	-1.43164e-14	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.34354	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	1.02603e-14	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm45	LC2_MC_125	0.0	0.33	OK	0.61	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.070	0.613	0.003	0.611	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.333343	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-2.49899	-0.109674	-5.15941	0	0	1.00021	1.0012	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.34354	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	0.00508362	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm45	LC2_MC_125	0.0	0.50	OK	0.27	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.070	0.269	0.003	0.266	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.5	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-2.49899	-1.01036	-2.04142	0	0	1.00021	1.0012	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.34354	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	0.00508362	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm45	LC2_MC_125	0.0	0.75	OK	0.38	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.070	0.376	0.003	0.374	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.75	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-2.49899	-2.50562	2.63585	0	0	1.00021	1.0012	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.34354	0	0	1.01204	3.52721	44.2346	2	9.42581



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	157.41	1	5.34	240.24	491.576	0.00508362	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm45	LC2_MC_125	0.0	0.90	OK	0.73	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.070	0.732	0.003	0.729	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.89999	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-2.49899	-3.48373	5.44202	0	0	1.00021	1.0012	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.34354	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	0.00508362	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm45	LC2_MC_125	0.0	0.90	OK	0.73	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.070	0.732	0.003	0.729	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.90001	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-2.49899	-3.48386	5.4424	0	0	1.00021	1.0012	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.34354	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	0.00508362	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm45	LC2_MC_125	0.0	1.00	OK	0.97	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.070	0.969	0.003	0.967	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.99999	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-2.49899	-4.17309	7.31293	0	0	1.00021	1.0012	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.34354	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	0.00508362	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm45	LC5_MC_075	0.0	0.00	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	1e-05	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-3.69312e-12	-4.69582e-09	3.34164e-15	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.28629	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	7.5128e-15	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm45	LC5_MC_075	0.0	0.25	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.003	0.002	0.000	0.002	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.25	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-3.69312e-12	-0.0891211	9.93654e-17	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.28629	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	7.5128e-15	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm45	LC5_MC_075	0.0	0.33	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.004	0.004	0.000	0.004	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.333323	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	-3.69312e-12	-0.156496	-9.81307e-16	0	0	1	1	11721.3	2086.7



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.28629	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	491.576	7.5128e-15	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm45	LC5_MC_075	0.0	0.33	OK	0.60	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.058	0.601	0.002	0.599	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.333343	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	2.55725	-0.212103	5.03593	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.28944	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	575.487	0.00444363	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm45	LC5_MC_075	0.0	0.50	OK	0.26	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.058	0.255	0.002	0.253	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.5	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	2.55725	-0.722663	1.9907	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.28944	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	575.487	0.00444363	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm45	LC5_MC_075	0.0	0.75	OK	0.35	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.058	0.347	0.002	0.345	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.75	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	2.55725	-1.63266	-2.57742	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.28944	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	575.487	0.00444363	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm45	LC5_MC_075	0.0	0.90	OK	0.69	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.058	0.686	0.002	0.684	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.89999	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	2.55725	-2.25961	-5.3181	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.28944	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	575.487	0.00444363	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm45	LC5_MC_075	0.0	0.90	OK	0.69	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.058	0.686	0.002	0.684	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.90001	275000
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	2.55725	-2.2597	-5.31847	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.28944	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	575.487	0.00444363	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm45	LC5_MC_075	0.0	1.00	OK	0.91	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.058	0.913	0.002	0.910	0.000	0.000	0.000	0.000	72.086
	48.0573	0	0.49899	0.119013	1.19396	0	0	0.99999	275000



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	1.5	1	1.5	1.5	1	1.5	1	1
	2.55725	-2.71485	-7.14535	0	0	1	1	11721.3	2086.7
	639.43	1	1	562.46	241898	546.196	234903	1	546.196
	234903	2.28944	0	0	1.01204	3.52721	44.2346	2	9.42581
	157.41	1	5.34	240.24	575.487	0.00444363	39.8112	8.48323	3.91999e-08
	7.44626e-09	0	0						
Bm53	LC2_MC_125	0.0	0.00	OK	0.41	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.014	0.414	0.001	0.413	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	0.200163
	-0.524422	1.57655	1.52129	0	0	1.00019	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.02946	0	0	0.814114	3.0515	19.2919	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00292514	17.3627	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm53	LC2_MC_125	0.0	0.25	OK	0.27	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.014	0.271	0.001	0.270	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	0.200163
	-0.524422	1.888	0.760508	0	0	1.00019	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.02946	0	0	0.814114	3.0515	19.2919	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00292514	17.3627	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm53	LC2_MC_125	0.0	0.50	OK	0.12	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.014	0.117	0.001	0.116	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	0.200163
	-0.524422	2.0079	-0.000309944	0	0	1.00019	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.02946	0	0	0.814114	3.0515	19.2919	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00292514	17.3627	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm53	LC2_MC_125	0.0	0.75	OK	0.27	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.014	0.271	0.001	0.270	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	0.200163
	-0.524422	1.88836	-0.761128	0	0	1.00019	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.02946	0	0	0.814114	3.0515	19.2919	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00292514	17.3627	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm53	LC2_MC_125	0.0	1.00	OK	0.41	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.014	0.415	0.001	0.413	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	0.200163
	-0.524422	1.57728	-1.52191	0	0	1.00019	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.02946	0	0	0.814114	3.0515	19.2919	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00292514	17.3627	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm53	LC5_MC_075	0.0	0.00	OK	0.41	ufH1	Geom OK	AISC member	ver_profil_4.run(1)



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.014	0.414	0.001	0.413	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	0.200167
	-0.523788	1.57731	-1.52002	0	0	1.00019	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.02946	0	0	0.814114	3.0515	19.2919	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0029216	17.3627	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm53	LC5_MC_075	0.0	0.25	OK	0.27	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.014	0.271	0.001	0.270	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	0.200167
	-0.523788	1.88837	-0.760182	0	0	1.00019	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.02946	0	0	0.814114	3.0515	19.2919	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0029216	17.3627	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm53	LC5_MC_075	0.0	0.50	OK	0.12	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.014	0.117	0.001	0.116	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	0.200167
	-0.523788	2.0079	-0.00031805	0	0	1.00019	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.02946	0	0	0.814114	3.0515	19.2919	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0029216	17.3627	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm53	LC5_MC_075	0.0	0.75	OK	0.27	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.014	0.271	0.001	0.270	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	0.200167
	-0.523788	1.88799	0.759546	0	0	1.00019	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.02946	0	0	0.814114	3.0515	19.2919	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0029216	17.3627	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm53	LC5_MC_075	0.0	1.00	OK	0.41	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.014	0.414	0.001	0.413	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	0.200167
	-0.523788	1.57653	1.51938	0	0	1.00019	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.02946	0	0	0.814114	3.0515	19.2919	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0029216	17.3627	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm54	LC2_MC_125	0.0	0.00	OK	0.28	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.031	0.280	0.001	0.279	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.29642
	0.444953	1.57244	0.969836	0	0	1	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56563	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00112324	21.2246	4.72279	2.03549e-08



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	1.98619e-09	0	0						
Bm54	LC2_MC_125	0.0	0.25	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.031	0.146	0.001	0.145	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.29642
	0.444953	1.24417	0.407922	0	0	1	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56563	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00112324	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm54	LC2_MC_125	0.0	0.50	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.031	0.074	0.001	0.074	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.29642
	0.444953	0.877111	-0.154014	0	0	1	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56563	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00112324	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm54	LC2_MC_125	0.0	0.75	OK	0.17	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.031	0.174	0.001	0.173	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.29642
	0.444953	0.461573	-0.715951	0	0	1	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56563	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00112324	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm54	LC2_MC_125	0.0	1.00	OK	0.27	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.031	0.271	0.001	0.271	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.29642
	0.444953	0.00727063	-1.27786	0	0	1	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56563	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00112324	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm54	LC5_MC_075	0.0	0.00	OK	0.24	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.020	0.241	0.003	0.238	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.303778
	-1.03424	1.57181	-0.775063	0	0	1.00008	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56528	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00576885	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm54	LC5_MC_075	0.0	0.25	OK	0.13	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.020	0.129	0.003	0.126	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.303778
	-1.03424	1.24371	-0.319657	0	0	1.00008	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	124459	1.56528	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00576885	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm54	LC5_MC_075	0.0	0.50	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.022	0.073	0.003	0.070	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.303778
	-1.03424	0.876808	0.135768	0	0	1.00008	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56528	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00576885	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm54	LC5_MC_075	0.0	0.75	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.024	0.150	0.003	0.147	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.303778
	-1.03424	0.461426	0.591192	0	0	1.00008	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56528	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00576885	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm54	LC5_MC_075	0.0	1.00	OK	0.22	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.026	0.225	0.003	0.222	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.303778
	-1.03424	0.00727699	1.0466	0	0	1.00008	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56528	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00576885	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm55	LC2_MC_125	0.0	0.00	OK	0.41	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.014	0.415	0.002	0.413	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	0.200151
	-0.544345	1.57761	1.52238	0	0	1.0002	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.02946	0	0	0.814114	3.0515	19.2918	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00303627	17.3626	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm55	LC2_MC_125	0.0	0.25	OK	0.27	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.014	0.271	0.002	0.270	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	0.200151
	-0.544345	1.88868	0.76106	0	0	1.0002	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.02946	0	0	0.814114	3.0515	19.2918	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00303627	17.3626	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm55	LC2_MC_125	0.0	0.50	OK	0.12	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.014	0.117	0.002	0.116	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	0.200151



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	-0.544345	2.00821	-0.00028801	0	0	1.0002	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.02946	0	0	0.814114	3.0515	19.2918	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00303627	17.3626	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm55	LC2_MC_125	0.0	0.75	OK	0.27	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.014	0.272	0.002	0.270	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	0.200151
	-0.544345	1.88829	-0.761636	0	0	1.0002	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.02946	0	0	0.814114	3.0515	19.2918	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00303627	17.3626	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm55	LC2_MC_125	0.0	1.00	OK	0.41	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.014	0.415	0.002	0.413	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	0.200151
	-0.544345	1.57683	-1.52295	0	0	1.0002	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.02946	0	0	0.814114	3.0515	19.2918	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00303627	17.3626	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm55	LC5_MC_075	0.0	0.00	OK	0.41	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.014	0.414	0.002	0.412	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	0.200155
	-0.54417	1.57685	-1.51892	0	0	1.0002	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.02946	0	0	0.814114	3.0515	19.2918	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0030353	17.3626	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm55	LC5_MC_075	0.0	0.25	OK	0.27	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.014	0.271	0.002	0.270	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	0.200155
	-0.54417	1.8883	-0.759622	0	0	1.0002	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.02946	0	0	0.814114	3.0515	19.2918	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0030353	17.3626	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm55	LC5_MC_075	0.0	0.50	OK	0.12	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.014	0.117	0.002	0.116	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	0.200155
	-0.54417	2.0082	-0.000293732	0	0	1.0002	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.02946	0	0	0.814114	3.0515	19.2918	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0030353	17.3626	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm55	LC5_MC_075	0.0	0.75	OK	0.27	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.014	0.271	0.002	0.269	0.000	0.000	0.000	0.000	119.482



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frw						
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	0.200155
	-0.54417	1.88866	0.759035	0	0	1.0002	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.02946	0	0	0.814114	3.0515	19.2918	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0030353	17.3626	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm55	LC5_MC_075	0.0	1.00	OK	0.41	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.014	0.414	0.002	0.412	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	0.200155
	-0.54417	1.57758	1.51833	0	0	1.0002	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.02946	0	0	0.814114	3.0515	19.2918	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0030353	17.3626	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm56	LC2_MC_125	0.0	0.00	OK	0.24	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.019	0.240	0.003	0.237	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.303915
	-1.06997	1.5721	0.77014	0	0	1.00008	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.5653	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00596814	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm56	LC2_MC_125	0.0	0.25	OK	0.13	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.020	0.129	0.003	0.126	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.303915
	-1.06997	1.24393	0.317507	0	0	1.00008	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.5653	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00596814	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm56	LC2_MC_125	0.0	0.50	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.022	0.073	0.003	0.070	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.303915
	-1.06997	0.876954	-0.135145	0	0	1.00008	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.5653	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00596814	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm56	LC2_MC_125	0.0	0.75	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.024	0.149	0.003	0.146	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.303915
	-1.06997	0.461499	-0.587796	0	0	1.00008	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.5653	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00596814	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						



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Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm56	LC2_MC_125	0.0	1.00	OK	0.22	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.026	0.224	0.003	0.221	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.303915
	-1.06997	0.00727737	-1.04043	0	0	1.00008	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.5653	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00596814	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm56	LC5_MC_075	0.0	0.00	OK	0.28	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.031	0.281	0.001	0.280	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.296347
	0.409795	1.57273	-0.97461	0	0	1	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56562	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00103449	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm56	LC5_MC_075	0.0	0.25	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.031	0.146	0.001	0.145	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.296347
	0.409795	1.24439	-0.410007	0	0	1	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56562	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00103449	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm56	LC5_MC_075	0.0	0.50	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.031	0.075	0.001	0.074	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.296347
	0.409795	0.877257	0.154618	0	0	1	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56562	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00103449	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm56	LC5_MC_075	0.0	0.75	OK	0.17	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.031	0.175	0.001	0.174	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.296347
	0.409795	0.461646	0.719243	0	0	1	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56562	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00103449	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm56	LC5_MC_075	0.0	1.00	OK	0.27	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.031	0.273	0.001	0.272	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.296347
	0.409795	0.00727112	1.28385	0	0	1	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56562	0	0	0.814114	3.0515	23.5829	2	5.24755



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Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	108.57	1	5.34	166.221	396.134	0.00103449	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm61	LC2_MC_125	0.0	0.00	OK	0.26	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.040	0.262	0.018	0.244	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-6.54897	-0.155147	-1.11815	0	0	1.00241	1.029	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.99819	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0365291	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm61	LC2_MC_125	0.0	0.20	OK	0.23	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.040	0.234	0.018	0.216	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.19999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-6.54897	-0.166648	0.981956	0	0	1.00241	1.029	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.99819	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0365291	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm61	LC2_MC_125	0.0	0.20	OK	0.18	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.007	0.179	0.034	0.145	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.20001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-12.2475	-0.12308	-0.655906	0	0	1.00452	1.05564	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.99819	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0683147	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm61	LC2_MC_125	0.0	0.47	OK	0.07	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.007	0.075	0.034	0.041	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.466667	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-12.2475	-0.00496631	-0.191289	0	0	1.00452	1.05564	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.99819	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0683147	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm61	LC2_MC_125	0.0	0.75	OK	0.11	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.007	0.105	0.034	0.071	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-12.2475	-0.152648	0.302385	0	0	1.00452	1.05564	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.99819	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0683147	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm61	LC2_MC_125	0.0	1.00	OK	0.21	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.011	0.214	0.034	0.180	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-12.2475	-0.507461	0.737962	0	0	1.00452	1.05564	2721.81	232.372



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Report:
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Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.99819	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0683147	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm61	LC5_MC_075	0.0	0.00	OK	0.24	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.033	0.242	0.009	0.233	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	6.83872	0.222145	1.05055	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.29472	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0172637	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm61	LC5_MC_075	0.0	0.20	OK	0.20	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.033	0.203	0.009	0.194	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.19999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	6.83872	0.0437461	-0.907027	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.29472	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0172637	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm61	LC5_MC_075	0.0	0.20	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.148	0.016	0.132	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.20001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	12.8051	0.111624	0.597063	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.31077	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0323253	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm61	LC5_MC_075	0.0	0.50	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.009	0.059	0.016	0.043	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	12.8051	0.373311	0.119446	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.31077	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0323253	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm61	LC5_MC_075	0.0	0.60	OK	0.04	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.009	0.043	0.016	0.027	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.6	275000
	2.1e+08	2	2	2	2	1	2	1	1
	12.8051	0.399259	-0.0397649	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.31077	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0323253	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm61	LC5_MC_075	0.0	0.75	OK	0.09	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.009	0.092	0.016	0.076	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	2	2	2	2	1	2	1	1
	12.8051	0.361573	-0.278581	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.31077	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0323253	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm61	LC5_MC_075	0.0	1.00	OK	0.17	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.166	0.016	0.150	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	12.8051	0.135347	-0.676593	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.31077	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0323253	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm62	LC2_MC_125	0.0	0.00	Failed(geo)	0.54	ufH1	sldComp	AISC member	ver_profil_4.run(1)
	0.034	0.538	0.397	0.142	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	4	4	4	4	1	4	1	1
	-28.8025	-1.69714	0.637885	0	0	1.03791	1.45556	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	3.99883	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	72.6372	0.396525	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC2_MC_125	0.0	0.14	Failed(geo)	0.42	ufH1	sldComp	AISC member	ver_profil_4.run(1)
	0.029	0.421	0.397	0.024	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	0.14249	275000
	2.1e+08	4	4	4	4	1	4	1	1
	-28.8025	-0.318508	0.10367	0	0	1.03791	1.45556	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	3.99883	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	72.6372	0.396525	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC2_MC_125	0.0	0.14	Failed(geo)	0.64	ufH1	sldComp	AISC member	ver_profil_4.run(1)
	0.052	0.639	0.338	0.301	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	0.14251	275000
	2.1e+08	4	4	4	4	1	4	1	1
	-24.5249	-0.318372	2.24495	0	0	1.0321	1.36332	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	3.99883	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	72.6372	0.337636	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC2_MC_125	0.0	0.25	Failed(geo)	0.53	ufH1	sldComp	AISC member	ver_profil_4.run(1)
	0.052	0.534	0.338	0.197	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	0.24999	275000
	2.1e+08	4	4	4	4	1	4	1	1
	-24.5249	0.183056	-1.47253	0	0	1.0321	1.36332	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	3.99883	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	72.6372	0.337636	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC2_MC_125	0.0	0.25	Failed(geo)	0.49	ufH1	sldComp	AISC member	ver_profil_4.run(1)



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.051	0.495	0.214	0.281	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	0.25001	275000
	2.1e+08	4	4	4	4	1	4	1	1
	-15.5526	0.181222	2.12351	0	0	1.02012	1.20337	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	3.99883	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	72.6372	0.214113	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC2_MC_125	0.0	0.37	Failed(geo)	0.46	ufH1	sldComp	AISC member	ver_profilii_4.run(1)
	0.051	0.465	0.214	0.251	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	0.37499	275000
	2.1e+08	4	4	4	4	1	4	1	1
	-15.5526	-0.160274	-1.89675	0	0	1.02012	1.20337	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	3.99883	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	72.6372	0.214113	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC2_MC_125	0.0	0.38	Failed(geo)	0.30	ufH1	sldComp	AISC member	ver_profilii_4.run(1)
	0.054	0.303	0.033	0.269	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	0.37501	275000
	2.1e+08	4	4	4	4	1	4	1	1
	-4.84552	-0.156998	1.80898	0	0	1.00618	1.05558	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	3.99883	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	72.6372	0.0667085	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC2_MC_125	0.0	0.50	Failed(geo)	0.29	ufH1	sldComp	AISC member	ver_profilii_4.run(1)
	0.054	0.290	0.033	0.256	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	0.49999	275000
	2.1e+08	4	4	4	4	1	4	1	1
	-4.84552	0.00487128	-1.76163	0	0	1.00618	1.05558	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	3.99883	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	72.6372	0.0667085	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC2_MC_125	0.0	0.50	Failed(geo)	0.26	ufH1	sldComp	AISC member	ver_profilii_4.run(1)
	0.051	0.259	0.006	0.253	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	0.50001	275000
	2.1e+08	4	4	4	4	1	4	1	1
	6.17846	0.00515567	1.73921	0	0	1	1	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	3.99883	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.012237	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC2_MC_125	0.0	0.62	Failed(geo)	0.29	ufH1	sldComp	AISC member	ver_profilii_4.run(1)
	0.051	0.286	0.006	0.280	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	0.62499	275000
	2.1e+08	4	4	4	4	1	4	1	1
	6.17846	-0.597638	-1.7641	0	0	1	1	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	3.99883	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.012237	25.542	6.87646	5.372e-08



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.44169e-09	0	0						
Bm62	LC2_MC_125	0.0	0.63	Failed(geo)	0.27	ufH1	sldComp	AISC member	ver_profilii_4.run(1)
	0.059	0.265	0.017	0.248	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	0.62501	275000
	2.1e+08	4	4	4	4	1	4	1	1
	16.9208	-0.598675	1.54718	0	0	1	1	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	3.99883	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.0335132	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC2_MC_125	0.0	0.75	Failed(geo)	0.32	ufH1	sldComp	AISC member	ver_profilii_4.run(1)
	0.059	0.321	0.017	0.304	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	0.74999	275000
	2.1e+08	4	4	4	4	1	4	1	1
	16.9208	0.156921	-2.05113	0	0	1	1	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	3.99883	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.0335132	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC2_MC_125	0.0	0.75	Failed(geo)	0.09	ufH1	sldComp	AISC member	ver_profilii_4.run(1)
	0.034	0.092	0.021	0.070	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	0.75001	275000
	2.1e+08	4	4	4	4	1	4	1	1
	21.5052	0.155452	0.442506	0	0	1	1	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	3.99883	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.0425931	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC2_MC_125	0.0	0.83	Failed(geo)	0.04	ufH1	sldComp	AISC member	ver_profilii_4.run(1)
	0.034	0.043	0.043	0.000	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	0.833333	275000
	2.1e+08	4	4	4	4	1	4	1	1
	21.5052	0.21571	0.0251562	0	0	1	1	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	3.99883	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.0425931	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC2_MC_125	0.0	1.00	Failed(geo)	0.14	ufH1	sldComp	AISC member	ver_profilii_4.run(1)
	0.034	0.140	0.021	0.119	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	4	4	4	4	1	4	1	1
	21.5052	-0.0298729	-0.809594	0	0	1	1	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	3.99883	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.0425931	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC5_MC_075	0.0	0.00	Failed(geo)	0.09	ufH1	sldComp	AISC member	ver_profilii_4.run(1)
	0.023	0.095	0.026	0.069	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	4	4	4	4	1	4	1	1
	26.4844	-0.476939	-0.342637	0	0	1	1	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	39562.7	4.20094	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.0524548	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC5_MC_075	0.0	0.14	Failed(geo)	0.06	ufH1	sldComp	AISC member	ver_profil_4.run(1)
	0.019	0.057	0.026	0.031	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	0.14249	275000
	2.1e+08	4	4	4	4	1	4	1	1
	26.4844	0.337316	-0.124117	0	0	1	1	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	4.20094	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.0524548	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC5_MC_075	0.0	0.14	Failed(geo)	0.27	ufH1	sldComp	AISC member	ver_profil_4.run(1)
	0.044	0.272	0.022	0.250	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	0.14251	275000
	2.1e+08	4	4	4	4	1	4	1	1
	22.3861	0.335541	-1.62805	0	0	1	1	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	4.20094	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.0443376	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC5_MC_075	0.0	0.25	Failed(geo)	0.19	ufH1	sldComp	AISC member	ver_profil_4.run(1)
	0.044	0.188	0.022	0.166	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	0.24999	275000
	2.1e+08	4	4	4	4	1	4	1	1
	22.3861	0.144991	1.10186	0	0	1	1	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	4.20094	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.0443376	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC5_MC_075	0.0	0.25	Failed(geo)	0.25	ufH1	sldComp	AISC member	ver_profil_4.run(1)
	0.041	0.253	0.014	0.239	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	0.25001	275000
	2.1e+08	4	4	4	4	1	4	1	1
	13.8923	0.145965	-1.60643	0	0	1	1	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	4.20094	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.0275149	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC5_MC_075	0.0	0.37	Failed(geo)	0.24	ufH1	sldComp	AISC member	ver_profil_4.run(1)
	0.041	0.245	0.014	0.231	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	0.37499	275000
	2.1e+08	4	4	4	4	1	4	1	1
	13.8923	-0.644082	1.41598	0	0	1	1	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	4.20094	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.0275149	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC5_MC_075	0.0	0.38	Failed(geo)	0.29	ufH1	sldComp	AISC member	ver_profil_4.run(1)
	0.054	0.286	0.003	0.283	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	0.37501	275000
	2.1e+08	4	4	4	4	1	4	1	1



GeniE V7.9-04

Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	3.53054	-0.642937	-1.77027	0	0	1	1	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	4.20094	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00699256	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC5_MC_075	0.0	0.50	Failed(geo)	0.25	ufH1	sldComp	AISC member	ver_profil_4.run(1)
	0.054	0.253	0.003	0.249	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	0.49999	275000
	2.1e+08	4	4	4	4	1	4	1	1
	3.53054	0.014036	1.71116	0	0	1	1	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	4.20094	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00699256	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC5_MC_075	0.0	0.50	Failed(geo)	0.31	ufH1	sldComp	AISC member	ver_profil_4.run(1)
	0.048	0.314	0.051	0.263	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	0.50001	275000
	2.1e+08	4	4	4	4	1	4	1	1
	-7.38962	0.0140034	-1.80268	0	0	1.00946	1.08731	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	4.20094	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	72.6372	0.101733	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC5_MC_075	0.0	0.62	Failed(geo)	0.32	ufH1	sldComp	AISC member	ver_profil_4.run(1)
	0.048	0.320	0.051	0.269	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	0.62499	275000
	2.1e+08	4	4	4	4	1	4	1	1
	-7.38962	-0.131048	1.81269	0	0	1.00946	1.08731	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	4.20094	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	72.6372	0.101733	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC5_MC_075	0.0	0.63	Failed(geo)	0.53	ufH1	sldComp	AISC member	ver_profil_4.run(1)
	0.055	0.525	0.251	0.274	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	0.62501	275000
	2.1e+08	4	4	4	4	1	4	1	1
	-18.2463	-0.133787	-2.08213	0	0	1.02368	1.2473	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	4.20094	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	72.6372	0.251197	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC5_MC_075	0.0	0.75	Failed(geo)	0.60	ufH1	sldComp	AISC member	ver_profil_4.run(1)
	0.055	0.603	0.251	0.352	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	0.74999	275000
	2.1e+08	4	4	4	4	1	4	1	1
	-18.2463	0.00883391	2.71797	0	0	1.02368	1.2473	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	4.20094	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	72.6372	0.251197	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC5_MC_075	0.0	0.75	Failed(geo)	0.39	ufH1	sldComp	AISC member	ver_profil_4.run(1)
	0.028	0.392	0.314	0.078	0.000	0.000	0.000	0.000	214.346



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	214.346	0	0.5	0	0	0	0	0.75001	275000
	2.1e+08	4	4	4	4	1	4	1	1
	-22.7886	0.00812348	-0.602441	0	0	1.02976	1.32913	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	4.20094	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	72.6372	0.313732	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm62	LC5_MC_075	0.0	1.00	Failed(geo)	0.50	ufH1	sldComp	AISC member	ver_profil_4.run(1)
	0.028	0.497	0.314	0.183	0.000	0.000	0.000	0.000	214.346
	214.346	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	4	4	4	4	1	4	1	1
	-22.7886	-1.11816	1.11677	0	0	1.02976	1.32913	788.631	92.0273
	561	1	1	80.708	39562.7	369.193	180977	1	80.708
	39562.7	4.20094	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	72.6372	0.313732	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm64	LC2_MC_125	0.0	0.00	OK	0.19	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.044	0.194	0.001	0.193	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	1	1	1	1	1	1	1	0.203741
	1.48204	0.000739945	1.32669	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.96107	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00293532	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm64	LC2_MC_125	0.0	0.25	OK	0.10	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.044	0.104	0.001	0.102	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	1	1	1	1	1	1	1	0.203741
	1.48204	-0.155155	0.660225	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.96107	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00293532	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm64	LC2_MC_125	0.0	0.50	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.044	0.017	0.001	0.015	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	1	1	1	1	1	1	1	0.203741
	1.48204	-0.372082	-0.00626326	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.96107	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00293532	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm64	LC2_MC_125	0.0	0.75	OK	0.13	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.044	0.125	0.001	0.124	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	1	1	1	1	1	1	1	0.203741
	1.48204	-0.66529	-0.672751	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.96107	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00293532	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm64	LC2_MC_125	0.0	1.00	OK	0.24	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.044	0.236	0.001	0.235	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	1	1	1	1	1	1	1	0.203741
	1.48204	-1.01951	-1.33921	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.96107	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00293532	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm64	LC5_MC_075	0.0	0.00	OK	0.20	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.038	0.202	0.002	0.200	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	1	1	1	1	1	1	1	0.208414
	-1.85987	0.000604935	-1.37231	0	0	1.00015	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.03491	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.00432049	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm64	LC5_MC_075	0.0	0.25	OK	0.11	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.038	0.105	0.002	0.103	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	1	1	1	1	1	1	1	0.208414
	-1.85987	-0.111712	-0.678795	0	0	1.00015	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.03491	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.00432049	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm64	LC5_MC_075	0.0	0.50	OK	0.04	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.038	0.015	0.002	0.013	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	1	1	1	1	1	1	1	0.208414
	-1.85987	-0.285068	0.0147433	0	0	1.00015	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.03491	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.00432049	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm64	LC5_MC_075	0.0	0.75	OK	0.13	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.038	0.126	0.002	0.124	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	1	1	1	1	1	1	1	0.208414
	-1.85987	-0.534717	0.708281	0	0	1.00015	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.03491	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.00432049	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm64	LC5_MC_075	0.0	1.00	OK	0.24	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.038	0.239	0.002	0.237	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	1	1	1	1	1	1	1	0.208414
	-1.85987	-0.845388	1.40179	0	0	1.00015	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.03491	0	0	0.907611	4.89348	28.38	2	7.64051



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	161.7	1	5.34	198	430.476	0.00432049	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm67	LC2_MC_125	0.0	0.00	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.050	0.154	0.011	0.143	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	1	1	1	1	1	1	1	0.20915
	11.3436	-0.013239	-0.979391	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.921	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.022467	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm67	LC2_MC_125	0.0	0.25	OK	0.08	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.050	0.083	0.011	0.072	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	1	1	1	1	1	1	1	0.20915
	11.3436	0.0340775	-0.483974	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.921	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.022467	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm67	LC2_MC_125	0.0	0.33	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.050	0.059	0.011	0.048	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.333333	275000
	2.1e+08	1	1	1	1	1	1	1	0.20915
	11.3436	0.0396797	-0.318828	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.921	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.022467	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm67	LC2_MC_125	0.0	0.50	OK	0.05	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.050	0.022	0.022	0.000	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	1	1	1	1	1	1	1	0.20915
	11.3436	0.0203712	0.0114639	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.921	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.022467	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm67	LC2_MC_125	0.0	0.75	OK	0.09	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.050	0.088	0.011	0.076	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	1	1	1	1	1	1	1	0.20915
	11.3436	-0.0696179	0.506901	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.921	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.022467	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm67	LC2_MC_125	0.0	1.00	OK	0.17	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.050	0.166	0.011	0.154	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	1	1	1	1	1	1	1	0.20915
	11.3436	-0.220626	1.00232	0	0	1	1	12618.1	1472.44



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Report: Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date: 05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.921	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.022467	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm67	LC5_MC_075	0.0	0.00	OK	0.16	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.040	0.158	0.011	0.146	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	1	1	1	1	1	1	1	0.209671
	-9.84132	-0.013087	1.00359	0	0	1.00078	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.16781	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.0228615	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm67	LC5_MC_075	0.0	0.25	OK	0.09	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.040	0.086	0.011	0.075	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	1	1	1	1	1	1	1	0.209671
	-9.84132	-0.0662476	0.495587	0	0	1.00078	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.16781	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.0228615	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm67	LC5_MC_075	0.0	0.50	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.040	0.020	0.011	0.009	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	1	1	1	1	1	1	1	0.209671
	-9.84132	-0.180483	-0.0124321	0	0	1.00078	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.16781	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.0228615	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm67	LC5_MC_075	0.0	0.75	OK	0.10	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.040	0.102	0.011	0.090	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	1	1	1	1	1	1	1	0.209671
	-9.84132	-0.37106	-0.520452	0	0	1.00078	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.16781	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.0228615	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm67	LC5_MC_075	0.0	1.00	OK	0.19	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.040	0.185	0.011	0.174	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	1	1	1	1	1	1	1	0.209671
	-9.84132	-0.6227	-1.02845	0	0	1.00078	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.16781	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.0228615	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm68	LC2_MC_125	0.0	0.00	OK	0.26	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.076	0.261	0.001	0.260	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	1e-05	275000



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	2	2	2	2	1	2	1	1
	-4.60799	-30.2623	4.68236	0	0	1.00016	1.00044	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.86974	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.0026881	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm68	LC2_MC_125	0.0	0.25	OK	0.19	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.068	0.188	0.001	0.186	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-4.60799	-20.8481	3.79028	0	0	1.00016	1.00044	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.86974	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.0026881	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm68	LC2_MC_125	0.0	0.50	OK	0.12	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.060	0.121	0.001	0.120	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-4.60799	-12.4471	2.89816	0	0	1.00016	1.00044	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.86974	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.0026881	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm68	LC2_MC_125	0.0	0.76	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.053	0.059	0.001	0.057	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.75999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-4.60799	-4.77606	1.97038	0	0	1.00016	1.00044	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.86974	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.0026881	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm68	LC2_MC_125	0.0	0.76	OK	0.16	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.160	0.071	0.001	0.071	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.76001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-2.93662	-4.80393	2.95379	0	0	1.0001	1.00028	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.86974	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.00171309	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm68	LC2_MC_125	0.0	0.80	OK	0.16	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.160	0.081	0.001	0.080	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.79999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-2.93662	-3.81798	4.16374	0	0	1.0001	1.00028	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.86974	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.00171309	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm68	LC2_MC_125	0.0	0.80	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)



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Report:
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Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.045	0.075	0.001	0.074	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.80001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-2.29264	-3.75446	3.72515	0	0	1.00008	1.00022	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.86974	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.00133742	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm68	LC2_MC_125	0.0	1.00	OK	0.04	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.039	0.026	0.001	0.025	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-2.29264	-0.26958	-1.74546	0	0	1.00008	1.00022	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.86974	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.00133742	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm68	LC5_MC_075	0.0	0.00	OK	0.28	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.082	0.277	0.001	0.276	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	3.83237	-30.345	-5.89641	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.83461	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00205635	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm68	LC5_MC_075	0.0	0.25	OK	0.20	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.075	0.197	0.001	0.196	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	1
	3.83237	-21.1019	-4.36464	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.83461	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00205635	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm68	LC5_MC_075	0.0	0.50	OK	0.12	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.067	0.123	0.001	0.122	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	3.83237	-12.872	-2.83281	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.83461	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00205635	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm68	LC5_MC_075	0.0	0.76	OK	0.06	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.059	0.053	0.001	0.052	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.75999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	3.83237	-5.37856	-1.23976	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.83461	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00205635	153.456	75.102	4.9131e-07



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	1.71213e-07	0	0						
Bm68	LC5_MC_075	0.0	0.76	OK	0.27	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.267	0.064	0.001	0.063	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.76001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	2.3344	-5.34367	-2.14875	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.83448	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00125258	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm68	LC5_MC_075	0.0	0.80	OK	0.27	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.267	0.073	0.001	0.073	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.79999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	2.3344	-4.33522	-3.3343	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.83448	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00125258	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm68	LC5_MC_075	0.0	0.80	OK	0.07	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.047	0.068	0.001	0.068	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.80001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	1.95097	-4.27022	-2.99171	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.83445	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00104684	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm68	LC5_MC_075	0.0	1.00	OK	0.04	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.041	0.025	0.001	0.024	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	1.95097	-0.311795	1.67088	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.83445	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00104684	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm69	LC2_MC_125	0.0	0.00	OK	0.11	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.048	0.114	0.005	0.109	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	1	1	1	1	1	1	1	0.252474
	4.63333	0.000117032	-0.750591	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.04895	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00917673	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm69	LC2_MC_125	0.0	0.25	OK	0.06	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.048	0.059	0.005	0.055	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	1	1	1	1	1	1	1	0.252474
	4.63333	-0.10527	-0.34697	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	234464	2.04895	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00917673	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm69	LC2_MC_125	0.0	0.50	OK	0.05	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.048	0.023	0.005	0.019	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	1	1	1	1	1	1	1	0.252474
	4.63333	-0.271686	0.0566666	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.04895	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00917673	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm69	LC2_MC_125	0.0	0.75	OK	0.09	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.048	0.092	0.005	0.087	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	1	1	1	1	1	1	1	0.252474
	4.63333	-0.514385	0.460303	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.04895	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00917673	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm69	LC2_MC_125	0.0	1.00	OK	0.16	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.048	0.162	0.005	0.158	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	1	1	1	1	1	1	1	0.252474
	4.63333	-0.818097	0.863924	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.04895	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00917673	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm69	LC5_MC_075	0.0	0.00	OK	0.12	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.038	0.118	0.005	0.113	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	1	1	1	1	1	1	1	0.247132
	-4.73475	-0.000318686	0.774356	0	0	1.00038	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.01805	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.0109989	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm69	LC5_MC_075	0.0	0.25	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.038	0.063	0.005	0.057	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	1	1	1	1	1	1	1	0.247132
	-4.73475	-0.119853	0.361329	0	0	1.00038	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.01805	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.0109989	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm69	LC5_MC_075	0.0	0.50	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.038	0.025	0.005	0.019	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	1	1	1	1	1	1	1	0.247132



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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	-4.73475	-0.30044	-0.0517149	0	0	1.00038	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.01805	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.0109989	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm69	LC5_MC_075	0.0	0.75	OK	0.09	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.038	0.095	0.005	0.089	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	1	1	1	1	1	1	1	0.247132
	-4.73475	-0.557338	-0.464759	0	0	1.00038	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.01805	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.0109989	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm69	LC5_MC_075	0.0	1.00	OK	0.17	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.038	0.167	0.005	0.162	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	1	1	1	1	1	1	1	0.247132
	-4.73475	-0.875271	-0.877786	0	0	1.00038	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.01805	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.0109989	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm70	LC2_MC_125	0.0	0.00	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.008	0.028	0.002	0.026	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	1	1	1	1	1	1	0.441691	1
	-1.39625	-0.294523	0.101316	0	0	1	1.00095	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.19663	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.0032435	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm70	LC2_MC_125	0.0	0.25	OK	0.01	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.008	0.005	0.002	0.004	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	1	1	1	1	1	1	0.441691	1
	-1.39625	-0.0348548	0.0157459	0	0	1	1.00095	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.19663	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.0032435	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm70	LC2_MC_125	0.0	0.40	OK	0.01	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.008	0.007	0.002	0.005	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.4	275000
	2.1e+08	1	1	1	1	1	1	0.441691	1
	-1.39625	0.120952	-0.0032291	0	0	1	1.00095	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.19663	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.0032435	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm70	LC2_MC_125	0.0	0.48	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.008	0.010	0.002	0.008	0.000	0.000	0.000	0.000	53.5866



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	53.5866	0	0.5	0	0	0	0	0.47999	275000
	2.1e+08	1	1	1	1	1	1	0.441691	1
	-1.39625	0.204039	-0.0030288	0	0	1	1.00095	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.19663	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.0032435	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm70	LC2_MC_125	0.0	0.48	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.008	0.010	0.002	0.008	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.48001	275000
	2.1e+08	1	1	1	1	1	1	0.441691	1
	-1.39625	0.204059	-0.00302788	0	0	1	1.00095	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.19663	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.0032435	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm70	LC2_MC_125	0.0	0.75	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.008	0.028	0.002	0.026	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	1	1	1	1	1	1	0.441691	1
	-1.39625	0.484502	0.0500228	0	0	1	1.00095	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.19663	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.0032435	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm70	LC2_MC_125	0.0	1.00	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.008	0.055	0.002	0.054	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	1	1	1	1	1	1	0.441691	1
	-1.39625	0.744169	0.169795	0	0	1	1.00095	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.19663	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.0032435	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm70	LC5_MC_075	0.0	0.00	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.015	0.024	0.002	0.022	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	1	1	1	1	1	1	0.539121	1
	2.24164	0.07026	-0.13057	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.88058	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00443978	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm70	LC5_MC_075	0.0	0.25	OK	0.04	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.013	0.037	0.002	0.035	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	1	1	1	1	1	1	0.539121	1
	2.24164	-0.0627109	-0.223213	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.88058	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00443978	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm70	LC5_MC_075	0.0	0.48	OK	0.05	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.012	0.046	0.002	0.043	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.47999	275000
	2.1e+08	1	1	1	1	1	1	0.539121	1
	2.24164	-0.185044	-0.248552	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.88058	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00443978	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm70	LC5_MC_075	0.0	0.48	OK	0.05	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.012	0.046	0.002	0.043	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.48001	275000
	2.1e+08	1	1	1	1	1	1	0.539121	1
	2.24164	-0.185054	-0.248551	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.88058	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00443978	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm70	LC5_MC_075	0.0	0.75	OK	0.04	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.014	0.045	0.002	0.042	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	1	1	1	1	1	1	0.539121	1
	2.24164	-0.328663	-0.203278	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.88058	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00443978	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm70	LC5_MC_075	0.0	1.00	OK	0.03	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.015	0.033	0.002	0.031	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	1	1	1	1	1	1	0.539121	1
	2.24164	-0.461634	-0.0907734	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.88058	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00443978	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm71	LC2_MC_125	0.0	0.00	OK	0.01	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.003	0.014	0.001	0.013	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	1	1	1	1	1	1	0.41128	1
	-0.735619	-0.146761	0.0525522	0	0	1	1.0005	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.21378	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.00170885	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm71	LC2_MC_125	0.0	0.25	OK	0.01	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.003	0.006	0.001	0.005	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	1	1	1	1	1	1	0.41128	1
	-0.735619	-0.0323068	-0.0248638	0	0	1	1.0005	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.21378	0	0	0.907611	4.89348	28.38	2	7.64051



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	161.7	1	5.34	198	430.476	0.00170885	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm71	LC2_MC_125	0.0	0.40	OK	0.01	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.003	0.008	0.001	0.007	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.4	275000
	2.1e+08	1	1	1	1	1	1	0.41128	1
	-0.735619	0.0363688	-0.0389609	0	0	1	1.0005	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.21378	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.00170885	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm71	LC2_MC_125	0.0	0.48	OK	0.01	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.003	0.009	0.001	0.008	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.47999	275000
	2.1e+08	1	1	1	1	1	1	0.41128	1
	-0.735619	0.0729911	-0.036164	0	0	1	1.0005	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.21378	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.00170885	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm71	LC2_MC_125	0.0	0.48	OK	0.01	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.003	0.009	0.001	0.008	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.48001	275000
	2.1e+08	1	1	1	1	1	1	0.41128	1
	-0.735619	0.0730003	-0.0361624	0	0	1	1.0005	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.21378	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.00170885	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm71	LC2_MC_125	0.0	0.75	OK	0.01	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.003	0.012	0.001	0.011	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	1	1	1	1	1	1	0.41128	1
	-0.735619	0.196612	0.0256289	0	0	1	1.0005	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.21378	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.00170885	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm71	LC2_MC_125	0.0	1.00	OK	0.04	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.004	0.035	0.001	0.034	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	1	1	1	1	1	1	0.41128	1
	-0.735619	0.311066	0.153462	0	0	1	1.0005	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.21378	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.00170885	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm71	LC5_MC_075	0.0	0.00	OK	0.01	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.013	0.012	0.001	0.011	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	1	1	1	1	1	1	0.412507	1
	0.68432	0.103475	-0.0469756	0	0	1	1	12618.1	1472.44



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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.21308	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00135536	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm71	LC5_MC_075	0.0	0.25	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.022	0.001	0.021	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	1	1	1	1	1	1	0.412507	1
	0.68432	0.0224192	-0.141231	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.21308	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00135536	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm71	LC5_MC_075	0.0	0.48	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.027	0.001	0.026	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.47999	275000
	2.1e+08	1	1	1	1	1	1	0.412507	1
	0.68432	-0.0521515	-0.168053	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.21308	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00135536	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm71	LC5_MC_075	0.0	0.75	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.027	0.001	0.026	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.48001	275000
	2.1e+08	1	1	1	1	1	1	0.412507	1
	0.68432	-0.052158	-0.168053	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.21308	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00135536	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm71	LC5_MC_075	0.0	1.00	OK	0.01	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.014	0.011	0.001	0.011	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	1	1	1	1	1	1	0.412507	1
	0.68432	-0.220754	-0.0136282	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	2.21308	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00135536	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm72	LC2_MC_125	0.0	0.00	OK	0.28	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.098	0.279	0.003	0.276	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	1e-05	275000



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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	2	2	2	2	1	2	1	0.555622
	11.016	-30.1195	5.98681	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.9436	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00591092	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm72	LC2_MC_125	0.0	0.25	OK	0.19	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.091	0.194	0.003	0.191	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	0.555622
	11.016	-20.397	4.33037	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.9436	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00591092	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm72	LC2_MC_125	0.0	0.55	OK	0.10	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.082	0.100	0.003	0.097	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.54999	275000
	2.1e+08	2	2	2	2	1	2	1	0.555622
	11.016	-10.0383	2.34262	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.9436	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00591092	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm72	LC2_MC_125	0.0	0.55	OK	0.19	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.188	0.080	0.002	0.078	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.55001	275000
	2.1e+08	2	2	2	2	1	2	1	0.555622
	8.35009	-9.91649	1.00322	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.94335	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00448044	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm72	LC2_MC_125	0.0	0.61	OK	0.19	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.188	0.061	0.002	0.059	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.60999	275000
	2.1e+08	2	2	2	2	1	2	1	0.555622
	8.35009	-8.21144	0.428002	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.94335	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00448044	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm72	LC2_MC_125	0.0	0.61	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.056	0.072	0.002	0.071	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.61001	275000
	2.1e+08	2	2	2	2	1	2	1	0.555622
	6.73554	-8.2036	1.29184	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.9432	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00361412	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm72	LC2_MC_125	0.0	0.71	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)



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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.053	0.056	0.002	0.054	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.70999	275000
	2.1e+08	2	2	2	2	1	2	1	0.555622
	6.73554	-5.76464	1.2595	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.9432	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00361412	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm72	LC2_MC_125	0.0	0.71	OK	0.14	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.142	0.069	0.001	0.067	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.71001	275000
	2.1e+08	2	2	2	2	1	2	1	0.555622
	4.75379	-5.72304	2.26206	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.94301	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00255076	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm72	LC2_MC_125	0.0	0.80	OK	0.14	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.142	0.083	0.001	0.082	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.79999	275000
	2.1e+08	2	2	2	2	1	2	1	0.555622
	4.75379	-3.80283	4.27435	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.94301	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00255076	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm72	LC2_MC_125	0.0	0.80	OK	0.07	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.041	0.072	0.001	0.071	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.80001	275000
	2.1e+08	2	2	2	2	1	2	1	0.555622
	3.50159	-3.75686	3.46473	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.9429	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00187886	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm72	LC2_MC_125	0.0	1.00	OK	0.04	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.035	0.011	0.001	0.010	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	0.555622
	3.50159	-0.253293	-0.6642	0	0	1	1	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.9429	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00187886	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm72	LC5_MC_075	0.0	0.00	OK	0.26	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.086	0.260	0.003	0.256	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-11.45	-29.9332	-4.60573	0	0	1.0004	1.00111	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.98363	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.0066794	153.456	75.102	4.9131e-07



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	1.71213e-07	0	0						
Bm72	LC5_MC_075	0.0	0.25	OK	0.18	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.078	0.183	0.003	0.180	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-11.45	-20.0182	-3.68714	0	0	1.0004	1.00111	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.98363	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.0066794	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm72	LC5_MC_075	0.0	0.55	OK	0.10	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.069	0.099	0.003	0.096	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.54999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-11.45	-9.42885	-2.58482	0	0	1.0004	1.00111	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.98363	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.0066794	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm72	LC5_MC_075	0.0	0.55	OK	0.15	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.154	0.080	0.003	0.078	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.55001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-8.67581	-9.48169	-1.18102	0	0	1.0003	1.00084	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.98363	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.00506108	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm72	LC5_MC_075	0.0	0.61	OK	0.15	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.154	0.063	0.003	0.060	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.60999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-8.67581	-7.70994	-0.737384	0	0	1.0003	1.00084	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.98363	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.00506108	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm72	LC5_MC_075	0.0	0.61	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.050	0.074	0.002	0.072	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.61001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-7.02363	-7.79338	-1.61561	0	0	1.00025	1.00068	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.98363	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.00409727	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm72	LC5_MC_075	0.0	0.71	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.047	0.061	0.002	0.059	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.70999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-7.02363	-5.25477	-1.82364	0	0	1.00025	1.00068	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	252947	1.98363	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.00409727	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm72	LC5_MC_075	0.0	0.71	OK	0.08	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.083	0.074	0.001	0.073	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.71001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-4.99156	-5.33986	-2.85249	0	0	1.00017	1.00048	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.98363	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.00291185	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm72	LC5_MC_075	0.0	0.80	OK	0.09	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.080	0.088	0.001	0.086	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.79999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-4.99156	-3.4025	-4.81157	0	0	1.00017	1.00048	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.98363	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.00291185	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm72	LC5_MC_075	0.0	0.80	OK	0.08	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.041	0.076	0.001	0.075	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.80001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-3.69797	-3.40364	-3.97037	0	0	1.00013	1.00036	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.98363	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.00215723	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm72	LC5_MC_075	0.0	1.00	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.035	0.013	0.001	0.012	0.000	0.000	0.000	0.000	38.7972
	38.7972	0	0.499742	0.0726496	0.51	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-3.69797	-0.225646	0.793902	0	0	1.00013	1.00036	28568.3	10368.4
	2070.75	1	1	1904.69	252947	1935.89	257091	1	1904.69
	252947	1.98363	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1714.22	0.00215723	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm76	LC2_MC_125	0.0	0.00	OK	0.33	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.046	0.329	0.217	0.112	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-38.9313	0.783142	0.242664	0	0	1.05445	1.20126	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7391	2	5.24755
	108.57	1	5.34	166.221	179.281	0.217153	10.5652	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm76	LC2_MC_125	0.0	0.24	OK	0.56	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.038	0.563	0.217	0.346	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.236832	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	-38.9313	3.87457	0.104554	0	0	1.05445	1.20126	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7391	2	5.24755
	108.57	1	5.34	166.221	179.281	0.217153	10.5652	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm76	LC2_MC_125	0.0	0.24	OK	0.82	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.815	0.228	0.587	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.236852	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-40.9629	3.88285	1.38276	0	0	1.05745	1.21401	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7391	2	5.24755
	108.57	1	5.34	166.221	179.281	0.228485	10.5652	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm76	LC2_MC_125	0.0	0.50	OK	0.59	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.595	0.228	0.366	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-40.9629	4.33701	0.00852464	0	0	1.05745	1.21401	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7391	2	5.24755
	108.57	1	5.34	166.221	179.281	0.228485	10.5652	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm76	LC2_MC_125	0.0	0.76	OK	0.81	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.812	0.228	0.583	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.763148	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-40.9629	3.87989	-1.36571	0	0	1.05745	1.21401	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7391	2	5.24755
	108.57	1	5.34	166.221	179.281	0.228485	10.5652	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm76	LC2_MC_125	0.0	0.76	OK	0.61	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.044	0.606	0.242	0.364	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.763168	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-43.4632	3.90004	0.188009	0	0	1.06117	1.23007	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7391	2	5.24755
	108.57	1	5.34	166.221	179.281	0.242431	10.5652	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm76	LC2_MC_125	0.0	1.00	OK	0.41	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.051	0.412	0.242	0.170	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-43.4632	0.78531	-0.552095	0	0	1.06117	1.23007	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7391	2	5.24755
	108.57	1	5.34	166.221	179.281	0.242431	10.5652	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm76	LC5_MC_075	0.0	0.00	OK	0.41	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.051	0.410	0.242	0.168	0.000	0.000	0.000	0.000	227.015



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Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-43.4226	0.7852	-0.540529	0	0	1.06111	1.22981	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7391	2	5.24755
	108.57	1	5.34	166.221	179.281	0.242204	10.5652	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm76	LC5_MC_075	0.0	0.24	OK	0.60	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.043	0.605	0.242	0.363	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.236832	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-43.4226	3.89979	0.183434	0	0	1.06111	1.22981	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7391	2	5.24755
	108.57	1	5.34	166.221	179.281	0.242204	10.5652	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm76	LC5_MC_075	0.0	0.24	OK	0.81	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.811	0.228	0.583	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.236852	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-40.9331	3.87973	-1.36311	0	0	1.05741	1.21382	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7391	2	5.24755
	108.57	1	5.34	166.221	179.281	0.228319	10.5652	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm76	LC5_MC_075	0.0	0.50	OK	0.59	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.595	0.228	0.366	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-40.9331	4.33682	0.00851897	0	0	1.05741	1.21382	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7391	2	5.24755
	108.57	1	5.34	166.221	179.281	0.228319	10.5652	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm76	LC5_MC_075	0.0	0.76	OK	0.81	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.815	0.228	0.586	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.763148	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-40.9331	3.88268	1.38015	0	0	1.05741	1.21382	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7391	2	5.24755
	108.57	1	5.34	166.221	179.281	0.228319	10.5652	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm76	LC5_MC_075	0.0	0.76	OK	0.56	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.038	0.563	0.217	0.346	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.763168	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-38.9121	3.87448	0.10881	0	0	1.05442	1.20114	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7391	2	5.24755
	108.57	1	5.34	166.221	179.281	0.217045	10.5652	4.72279	2.03549e-08
	1.98619e-09	0	0						



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Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm76	LC5_MC_075	0.0	1.00	OK	0.33	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.046	0.327	0.217	0.110	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-38.9121	0.783173	0.231837	0	0	1.05442	1.20114	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7391	2	5.24755
	108.57	1	5.34	166.221	179.281	0.217045	10.5652	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm79	LC2_MC_125	0.0	0.00	OK	0.18	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.032	0.176	0.000	0.176	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.231259	-2.99661	0.164348	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.27547	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000583789	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm79	LC2_MC_125	0.0	0.25	OK	0.10	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.028	0.098	0.000	0.098	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.231259	-1.81137	0.060076	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.27547	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000583789	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm79	LC2_MC_125	0.0	0.50	OK	0.05	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.024	0.049	0.000	0.049	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.231259	-0.841506	-0.0441996	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.27547	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000583789	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm79	LC2_MC_125	0.0	0.76	OK	0.04	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.019	0.035	0.000	0.035	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.231259	-0.05935	-0.152642	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.27547	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000583789	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm79	LC2_MC_125	0.0	0.76	OK	0.02	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.019	0.018	0.001	0.016	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.76001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.416611	-0.0913087	0.0568772	0	0	1.00015	1.0018	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.27433	0	0	0.814114	3.0515	23.5829	2	5.24755



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Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	108.57	1	5.34	166.221	179.281	0.00232379	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm79	LC2_MC_125	0.0	1.00	OK	0.04	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.019	0.039	0.001	0.038	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.416611	0.0499068	-0.167244	0	0	1.00015	1.0018	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.27433	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00232379	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm79	LC5_MC_075	0.0	0.00	OK	0.13	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.025	0.135	0.000	0.134	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.28163	-2.45467	-0.0873811	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.39505	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000710947	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm79	LC5_MC_075	0.0	0.25	OK	0.07	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.020	0.073	0.000	0.072	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.28163	-1.39066	-0.0321079	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.39505	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000710947	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm79	LC5_MC_075	0.0	0.50	OK	0.03	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.016	0.031	0.000	0.030	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.28163	-0.542016	0.0231674	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.39505	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000710947	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm79	LC5_MC_075	0.0	0.76	OK	0.02	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.011	0.023	0.000	0.022	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.28163	0.114067	0.0806516	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.39505	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000710947	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm79	LC5_MC_075	0.0	0.76	OK	0.02	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.008	0.021	0.001	0.020	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.76001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.77397	0.0897507	-0.0743044	0	0	1	1	2721.81	232.372



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Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.39759	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00195381	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm79	LC5_MC_075	0.0	0.88	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.008	0.013	0.001	0.012	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.88	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.77397	0.116219	0.0315029	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.39759	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00195381	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm79	LC5_MC_075	0.0	1.00	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.008	0.034	0.001	0.033	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.77397	0.0930534	0.13731	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.39759	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00195381	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm80	LC2_MC_125	0.0	0.00	OK	0.45	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.029	0.454	0.001	0.453	0.000	0.000	0.000	0.000	238.963
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	4	2	4	4	1	4	1	1
	0.71685	-2.96186	-1.48022	0	0	1	1	680.452	232.372
	440.149	1	1	199.201	124459	311.771	194791	1	199.201
	124459	2.62909	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00180962	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm80	LC2_MC_125	0.0	0.25	OK	0.04	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.020	0.041	0.001	0.040	0.000	0.000	0.000	0.000	238.963
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	4	2	4	4	1	4	1	1
	0.71685	-0.780542	-0.0155544	0	0	1	1	680.452	232.372
	440.149	1	1	199.201	124459	311.771	194791	1	199.201
	124459	2.62909	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00180962	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm80	LC2_MC_125	0.0	0.50	OK	0.33	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.013	0.333	0.001	0.332	0.000	0.000	0.000	0.000	238.963
	119.482	0	0.498783	0.103273	1.17757	0	0	0.49999	275000
	2.1e+08	4	2	4	4	1	4	1	1
	0.71685	0.539009	1.44911	0	0	1	1	680.452	232.372
	440.149	1	1	199.201	124459	311.771	194791	1	199.201
	124459	2.62909	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00180962	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm80	LC2_MC_125	0.0	0.50	OK	0.34	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.345	0.001	0.344	0.000	0.000	0.000	0.000	238.963
	119.482	0	0.498783	0.103273	1.17757	0	0	0.50001	275000



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Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	4	2	4	4	1	4	1	1
	-0.395531	0.538837	-1.50379	0	0	1.00058	1.00171	680.452	232.372
	440.149	1	1	199.201	124459	311.771	194791	1	199.201
	124459	2.61302	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00220621	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm80	LC2_MC_125	0.0	0.75	OK	0.04	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.019	0.043	0.001	0.042	0.000	0.000	0.000	0.000	238.963
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	4	2	4	4	1	4	1	1
	-0.395531	-0.828457	0.0148927	0	0	1.00058	1.00171	680.452	232.372
	440.149	1	1	199.201	124459	311.771	194791	1	199.201
	124459	2.61302	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00220621	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm80	LC2_MC_125	0.0	1.00	OK	0.47	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.028	0.470	0.001	0.469	0.000	0.000	0.000	0.000	238.963
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	4	2	4	4	1	4	1	1
	-0.395531	-3.05802	1.53357	0	0	1.00058	1.00171	680.452	232.372
	440.149	1	1	199.201	124459	311.771	194791	1	199.201
	124459	2.61302	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00220621	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm80	LC5_MC_075	0.0	0.00	OK	0.49	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.032	0.490	0.000	0.490	0.000	0.000	0.000	0.000	238.963
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	4	2	4	4	1	4	1	1
	0.0667033	-3.756	1.47978	0	0	1	1	680.452	232.372
	440.149	1	1	199.201	124459	311.771	194791	1	199.201
	124459	2.81919	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000168386	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm80	LC5_MC_075	0.0	0.25	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.023	0.057	0.000	0.057	0.000	0.000	0.000	0.000	238.963
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	4	2	4	4	1	4	1	1
	0.0667033	-1.15853	0.0103874	0	0	1	1	680.452	232.372
	440.149	1	1	199.201	124459	311.771	194791	1	199.201
	124459	2.81919	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000168386	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm80	LC5_MC_075	0.0	0.50	OK	0.34	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.014	0.336	0.000	0.336	0.000	0.000	0.000	0.000	238.963
	119.482	0	0.498783	0.103273	1.17757	0	0	0.49999	275000
	2.1e+08	4	2	4	4	1	4	1	1
	0.0667033	0.57718	-1.459	0	0	1	1	680.452	232.372
	440.149	1	1	199.201	124459	311.771	194791	1	199.201
	124459	2.81919	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000168386	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm80	LC5_MC_075	0.0	0.50	OK	0.34	ufH1	Geom OK	AISC member	ver_profil_4.run(1)



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.013	0.343	0.002	0.342	0.000	0.000	0.000	0.000	238.963
	119.482	0	0.498783	0.103273	1.17757	0	0	0.50001	275000
	2.1e+08	4	2	4	4	1	4	1	1
	1.20927	0.577285	1.48591	0	0	1	1	680.452	232.372
	440.149	1	1	199.201	124459	311.771	194791	1	199.201
	124459	2.84675	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00305269	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm80	LC5_MC_075	0.0	0.75	OK	0.03	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.017	0.029	0.002	0.027	0.000	0.000	0.000	0.000	238.963
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	4	2	4	4	1	4	1	1
	1.20927	-0.496186	-0.0190234	0	0	1	1	680.452	232.372
	440.149	1	1	199.201	124459	311.771	194791	1	199.201
	124459	2.84675	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00305269	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm80	LC5_MC_075	0.0	1.00	OK	0.44	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.026	0.439	0.002	0.437	0.000	0.000	0.000	0.000	238.963
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	4	2	4	4	1	4	1	1
	1.20927	-2.43143	-1.52396	0	0	1	1	680.452	232.372
	440.149	1	1	199.201	124459	311.771	194791	1	199.201
	124459	2.84675	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00305269	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm82	LC2_MC_125	0.0	0.00	OK	0.42	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.053	0.419	0.245	0.174	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-43.9609	0.783862	-0.573382	0	0	1.06192	1.23332	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.245207	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm82	LC2_MC_125	0.0	0.24	OK	0.62	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.045	0.619	0.245	0.374	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.236832	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-43.9609	4.01201	0.189641	0	0	1.06192	1.23332	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.245207	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm82	LC2_MC_125	0.0	0.24	OK	0.83	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.012	0.825	0.231	0.594	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.236852	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-41.4634	3.99163	-1.36819	0	0	1.05819	1.21719	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.231277	10.5515	4.72279	2.03549e-08



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Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	1.98619e-09	0	0						
Bm82	LC2_MC_125	0.0	0.50	OK	0.61	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.608	0.231	0.377	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-41.4634	4.44904	0.0101355	0	0	1.05819	1.21719	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.231277	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm82	LC2_MC_125	0.0	0.76	OK	0.83	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.829	0.231	0.598	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.763148	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-41.4634	3.99454	1.38846	0	0	1.05819	1.21719	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.231277	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm82	LC2_MC_125	0.0	0.76	OK	0.58	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.039	0.579	0.220	0.359	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.763168	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-39.4517	3.98589	0.120818	0	0	1.05521	1.2045	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.220055	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm82	LC2_MC_125	0.0	1.00	OK	0.32	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.047	0.321	0.220	0.101	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-39.4517	0.781224	0.188512	0	0	1.05521	1.2045	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.220055	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm82	LC5_MC_075	0.0	0.00	OK	0.33	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.047	0.326	0.220	0.106	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-39.4126	0.781749	0.213413	0	0	1.05516	1.20425	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.219837	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm82	LC5_MC_075	0.0	0.24	OK	0.58	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.039	0.576	0.220	0.356	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.236832	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-39.4126	3.98582	0.110015	0	0	1.05516	1.20425	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201



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Report:
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Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.219837	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm82	LC5_MC_075	0.0	0.24	OK	0.83	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.828	0.231	0.597	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.236852	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-41.4367	3.99451	1.38488	0	0	1.05815	1.21702	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.231128	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm82	LC5_MC_075	0.0	0.50	OK	0.61	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.608	0.231	0.377	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-41.4367	4.44887	0.0101228	0	0	1.05815	1.21702	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.231128	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm82	LC5_MC_075	0.0	0.76	OK	0.82	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.824	0.231	0.593	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.763148	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-41.4367	3.99134	-1.36463	0	0	1.05815	1.21702	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.231128	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm82	LC5_MC_075	0.0	0.76	OK	0.62	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.045	0.621	0.245	0.376	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.763168	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-43.9462	4.01176	0.200409	0	0	1.06189	1.23323	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.245125	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm82	LC5_MC_075	0.0	1.00	OK	0.42	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.053	0.424	0.245	0.179	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-43.9462	0.783258	-0.598496	0	0	1.06189	1.23323	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.245125	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm83	LC2_MC_125	0.0	0.00	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.049	0.155	0.007	0.147	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	11.3924	-4.22306	0.930091	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.29895	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.014253	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm83	LC2_MC_125	0.0	0.25	OK	0.09	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.048	0.091	0.007	0.084	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	1
	11.3924	-2.4539	0.51838	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.29895	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.014253	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm83	LC2_MC_125	0.0	0.50	OK	0.05	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.048	0.035	0.007	0.028	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	11.3924	-1.11934	0.106652	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.29895	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.014253	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm83	LC2_MC_125	0.0	0.76	OK	0.05	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.048	0.036	0.007	0.029	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.75999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	11.3924	-0.188403	-0.321528	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.29895	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.014253	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm83	LC2_MC_125	0.0	0.76	OK	0.10	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.041	0.096	0.004	0.092	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.76001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	5.98176	-0.00113648	1.17322	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.29895	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00748374	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm83	LC2_MC_125	0.0	0.88	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.041	0.030	0.004	0.026	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.88	275000
	2.1e+08	2	2	2	2	1	2	1	1
	5.98176	0.063213	-0.316048	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.29895	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00748374	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm83	LC2_MC_125	0.0	1.00	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.041	0.146	0.004	0.142	0.000	0.000	0.000	0.000	87.0154



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	87.0154	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	5.98176	0.027414	-1.80532	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.29895	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00748374	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm83	LC5_MC_075	0.0	0.00	OK	0.16	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.062	0.159	0.011	0.148	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-11.713	-3.68205	-1.0594	0	0	1.00117	1.01343	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.49423	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.0223138	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm83	LC5_MC_075	0.0	0.25	OK	0.09	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.062	0.092	0.011	0.081	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-11.713	-1.98766	-0.590265	0	0	1.00117	1.01343	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.49423	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.0223138	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm83	LC5_MC_075	0.0	0.50	OK	0.06	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.062	0.033	0.011	0.022	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-11.713	-0.728363	-0.121106	0	0	1.00117	1.01343	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.49423	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.0223138	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm83	LC5_MC_075	0.0	0.76	OK	0.06	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.062	0.042	0.011	0.031	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.75999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-11.713	0.123755	0.366799	0	0	1.00117	1.01343	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.49423	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.0223138	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm83	LC5_MC_075	0.0	0.76	OK	0.10	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.054	0.101	0.006	0.095	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.76001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-6.20651	-0.0113251	-1.20408	0	0	1.00062	1.00707	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.49423	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.0118237	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm83	LC5_MC_075	0.0	1.00	OK	0.16	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.054	0.161	0.006	0.156	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-6.20651	0.00770668	1.98162	0	0	1.00062	1.00707	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.49423	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.0118237	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm85	LC2_MC_125	0.0	0.00	OK	0.34	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.059	0.337	0.001	0.336	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	4	2	4	4	1	4	1	1
	1.89508	-3.6761	-3.45666	0	0	1	1	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.83026	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00237092	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm85	LC2_MC_125	0.0	0.25	OK	0.12	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.059	0.118	0.001	0.117	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	4	2	4	4	1	4	1	1
	1.89508	-1.77435	-1.09283	0	0	1	1	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.83026	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00237092	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm85	LC2_MC_125	0.0	0.42	OK	0.07	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.059	0.065	0.001	0.064	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	0.416667	275000
	2.1e+08	4	2	4	4	1	4	1	1
	1.89508	-1.47254	0.483116	0	0	1	1	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.83026	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00237092	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm85	LC2_MC_125	0.0	0.50	OK	0.13	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.059	0.129	0.001	0.128	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	0.49999	275000
	2.1e+08	4	2	4	4	1	4	1	1
	1.89508	-1.61144	1.271	0	0	1	1	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.83026	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00237092	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm85	LC2_MC_125	0.0	0.50	OK	0.12	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.058	0.124	0.004	0.121	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	0.50001	275000
	2.1e+08	4	2	4	4	1	4	1	1
	5.6061	-1.72389	-1.15364	0	0	1	1	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.83026	0	0	1.11787	5.08715	63.0177	2	14.1665



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	280.5	1	5.34	284.625	799.301	0.00701375	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm85	LC2_MC_125	0.0	0.75	OK	0.13	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.058	0.130	0.004	0.127	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	4	2	4	4	1	4	1	1
	5.6061	-2.14762	1.13388	0	0	1	1	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.83026	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00701375	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm85	LC2_MC_125	0.0	1.00	OK	0.35	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.058	0.348	0.004	0.344	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	4	2	4	4	1	4	1	1
	5.6061	-4.31019	3.4214	0	0	1	1	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.83026	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00701375	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm85	LC5_MC_075	0.0	0.00	OK	0.34	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.066	0.340	0.003	0.337	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	4	2	4	4	1	4	1	1
	-2.81063	-3.81922	3.43612	0	0	1.00113	1.00319	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.80211	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.00535438	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm85	LC5_MC_075	0.0	0.25	OK	0.12	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.066	0.122	0.003	0.120	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	4	2	4	4	1	4	1	1
	-2.81063	-1.86158	1.10582	0	0	1.00113	1.00319	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.80211	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.00535438	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm85	LC5_MC_075	0.0	0.50	OK	0.13	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.066	0.128	0.003	0.125	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	0.49999	275000
	2.1e+08	4	2	4	4	1	4	1	1
	-2.81063	-1.64473	-1.22449	0	0	1.00113	1.00319	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.80211	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.00535438	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm85	LC5_MC_075	0.0	0.50	OK	0.13	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.064	0.128	0.006	0.122	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	0.50001	275000
	2.1e+08	4	2	4	4	1	4	1	1
	-6.50795	-1.53556	1.20518	0	0	1.00261	1.00742	2496.23	884.02



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.80211	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.0123979	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm85	LC5_MC_075	0.0	0.58	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.064	0.065	0.006	0.059	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	0.583333	275000
	2.1e+08	4	2	4	4	1	4	1	1
	-6.50795	-1.44376	0.430175	0	0	1.00261	1.00742	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.80211	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.0123979	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm85	LC5_MC_075	0.0	0.75	OK	0.13	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.064	0.127	0.006	0.120	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	4	2	4	4	1	4	1	1
	-6.50795	-1.8413	-1.12003	0	0	1.00261	1.00742	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.80211	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.0123979	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm85	LC5_MC_075	0.0	1.00	OK	0.35	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.064	0.345	0.006	0.339	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	4	2	4	4	1	4	1	1
	-6.50795	-3.89042	-3.44524	0	0	1.00261	1.00742	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.80211	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.0123979	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm86	LC2_MC_125	0.0	0.00	OK	0.35	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.060	0.346	0.006	0.341	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	4	2	4	4	1	4	1	1
	-5.94902	-3.81682	-3.48633	0	0	1.00239	1.00678	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.77334	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.0113332	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm86	LC2_MC_125	0.0	0.25	OK	0.13	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.060	0.128	0.006	0.122	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	4	2	4	4	1	4	1	1
	-5.94902	-1.87898	-1.13104	0	0	1.00239	1.00678	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.77334	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.0113332	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm86	LC2_MC_125	0.0	0.42	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.060	0.068	0.006	0.062	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	0.416667	275000



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	4	2	4	4	1	4	1	1
	-5.94902	-1.55542	0.439211	0	0	1.00239	1.00678	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.77334	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.0113332	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm86	LC2_MC_125	0.0	0.50	OK	0.13	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.060	0.131	0.006	0.126	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	0.49999	275000
	2.1e+08	4	2	4	4	1	4	1	1
	-5.94902	-1.68413	1.22424	0	0	1.00239	1.00678	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.77334	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.0113332	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm86	LC2_MC_125	0.0	0.50	OK	0.13	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.058	0.133	0.002	0.130	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	0.50001	275000
	2.1e+08	4	2	4	4	1	4	1	1
	-2.16796	-1.79592	-1.2596	0	0	1.00087	1.00246	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.77334	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.00413006	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm86	LC2_MC_125	0.0	0.75	OK	0.13	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.058	0.128	0.002	0.126	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	4	2	4	4	1	4	1	1
	-2.16796	-2.14257	1.12761	0	0	1.00087	1.00246	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.77334	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.00413006	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm86	LC2_MC_125	0.0	1.00	OK	0.35	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.058	0.352	0.002	0.350	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	4	2	4	4	1	4	1	1
	-2.16796	-4.22958	3.51482	0	0	1.00087	1.00246	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.77334	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.00413006	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm86	LC5_MC_075	0.0	0.00	OK	0.34	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.066	0.343	0.003	0.340	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	4	2	4	4	1	4	1	1
	4.72755	-4.28741	3.3734	0	0	1	1	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.77987	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.0059146	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm86	LC5_MC_075	0.0	0.25	OK	0.13	ufH1	Geom OK	AISC member	ver_profil_4.run(1)



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.066	0.129	0.003	0.126	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	4	2	4	4	1	4	1	1
	4.72755	-2.19205	1.1165	0	0	1	1	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.77987	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.0059146	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm86	LC5_MC_075	0.0	0.50	OK	0.12	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.066	0.125	0.003	0.122	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	0.49999	275000
	2.1e+08	4	2	4	4	1	4	1	1
	4.72755	-1.83553	-1.1404	0	0	1	1	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.77987	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.0059146	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm86	LC5_MC_075	0.0	0.50	OK	0.13	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.065	0.132	0.001	0.131	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	0.50001	275000
	2.1e+08	4	2	4	4	1	4	1	1
	1.00984	-1.72329	1.28656	0	0	1	1	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.77987	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00126341	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm86	LC5_MC_075	0.0	0.58	OK	0.07	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.065	0.068	0.001	0.067	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	0.583333	275000
	2.1e+08	4	2	4	4	1	4	1	1
	1.00984	-1.61372	0.494523	0	0	1	1	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.77987	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00126341	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm86	LC5_MC_075	0.0	0.75	OK	0.12	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.065	0.121	0.001	0.120	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	4	2	4	4	1	4	1	1
	1.00984	-1.97419	-1.08974	0	0	1	1	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.77987	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00126341	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm86	LC5_MC_075	0.0	1.00	OK	0.34	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.065	0.342	0.001	0.342	0.000	0.000	0.000	0.000	174.031
	87.0154	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	4	2	4	4	1	4	1	1
	1.00984	-3.96392	-3.46604	0	0	1	1	2496.23	884.02
	888.112	1	1	583.247	180600	627.913	194431	1	583.247
	180600	1.77987	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00126341	56.716	12.7499	1.12277e-07



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	1.22772e-08	0	0						
Bm87	LC2_MC_125	0.0	0.00	OK	0.33	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.046	0.326	0.219	0.107	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-39.3156	0.78302	0.216625	0	0	1.05501	1.20365	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7392	2	5.24755
	108.57	1	5.34	166.221	179.281	0.219296	10.5653	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm87	LC2_MC_125	0.0	0.24	OK	0.57	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.038	0.566	0.219	0.347	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.236832	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-39.3156	3.8762	0.110443	0	0	1.05501	1.20365	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7392	2	5.24755
	108.57	1	5.34	166.221	179.281	0.219296	10.5653	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm87	LC2_MC_125	0.0	0.24	OK	0.82	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.012	0.818	0.231	0.588	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.236852	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-41.3412	3.88445	1.38617	0	0	1.05801	1.21641	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7392	2	5.24755
	108.57	1	5.34	166.221	179.281	0.230595	10.5653	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm87	LC2_MC_125	0.0	0.50	OK	0.60	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.012	0.597	0.231	0.367	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-41.3412	4.33883	0.00891564	0	0	1.05801	1.21641	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7392	2	5.24755
	108.57	1	5.34	166.221	179.281	0.230595	10.5653	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm87	LC2_MC_125	0.0	0.76	OK	0.81	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.012	0.815	0.231	0.584	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.763148	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-41.3412	3.88144	-1.36833	0	0	1.05801	1.21641	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7392	2	5.24755
	108.57	1	5.34	166.221	179.281	0.230595	10.5653	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm87	LC2_MC_125	0.0	0.76	OK	0.61	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.044	0.608	0.245	0.363	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.763168	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-43.835	3.90157	0.185466	0	0	1.06173	1.2325	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	124459	1.05311	0	0	0.814114	3.0515	11.7392	2	5.24755
	108.57	1	5.34	166.221	179.281	0.244504	10.5653	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm87	LC2_MC_125	0.0	1.00	OK	0.42	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.051	0.416	0.245	0.171	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-43.835	0.784973	-0.55943	0	0	1.06173	1.2325	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7392	2	5.24755
	108.57	1	5.34	166.221	179.281	0.244504	10.5653	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm87	LC5_MC_075	0.0	0.00	OK	0.42	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.051	0.418	0.244	0.173	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-43.8156	0.785093	-0.569295	0	0	1.0617	1.23237	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7392	2	5.24755
	108.57	1	5.34	166.221	179.281	0.244397	10.5653	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm87	LC5_MC_075	0.0	0.24	OK	0.61	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.043	0.608	0.244	0.364	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.236832	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-43.8156	3.9015	0.189708	0	0	1.0617	1.23237	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7392	2	5.24755
	108.57	1	5.34	166.221	179.281	0.244397	10.5653	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm87	LC5_MC_075	0.0	0.24	OK	0.81	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.814	0.230	0.583	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.236852	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-41.3201	3.88139	-1.3652	0	0	1.05798	1.21628	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7392	2	5.24755
	108.57	1	5.34	166.221	179.281	0.230477	10.5653	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm87	LC5_MC_075	0.0	0.50	OK	0.60	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.597	0.230	0.367	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-41.3201	4.33871	0.00891872	0	0	1.05798	1.21628	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7392	2	5.24755
	108.57	1	5.34	166.221	179.281	0.230477	10.5653	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm87	LC5_MC_075	0.0	0.76	OK	0.82	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.818	0.230	0.587	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.763148	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1



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Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	-41.3201	3.88429	1.38303	0	0	1.05798	1.21628	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7392	2	5.24755
	108.57	1	5.34	166.221	179.281	0.230477	10.5653	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm87	LC5_MC_075	0.0	0.76	OK	0.57	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.038	0.565	0.219	0.346	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.763168	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-39.2925	3.87605	0.106172	0	0	1.05498	1.2035	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7392	2	5.24755
	108.57	1	5.34	166.221	179.281	0.219167	10.5653	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm87	LC5_MC_075	0.0	1.00	OK	0.33	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.046	0.328	0.219	0.108	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-39.2925	0.782873	0.225916	0	0	1.05498	1.2035	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05311	0	0	0.814114	3.0515	11.7392	2	5.24755
	108.57	1	5.34	166.221	179.281	0.219167	10.5653	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm88	LC2_MC_125	0.0	0.00	OK	0.10	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.049	0.103	0.001	0.102	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	1.22355	-4.23192	0.346365	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.32538	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00153077	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm88	LC2_MC_125	0.0	0.25	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.045	0.059	0.001	0.058	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	1
	1.22355	-2.44666	0.193135	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.32538	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00153077	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm88	LC2_MC_125	0.0	0.50	OK	0.05	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.045	0.023	0.001	0.022	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	1.22355	-1.09598	0.0398991	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.32538	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00153077	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm88	LC2_MC_125	0.0	0.76	OK	0.05	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.045	0.013	0.001	0.012	0.000	0.000	0.000	0.000	87.0154



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	87.0154	0	0.5	0	0	0	0	0.75999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	1.22355	-0.148286	-0.11946	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.32538	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00153077	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm88	LC2_MC_125	0.0	0.76	OK	0.02	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.017	0.008	0.000	0.008	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.76001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.598189	-0.112665	0.0778599	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.32538	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00074839	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm88	LC2_MC_125	0.0	0.96	OK	0.02	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.017	0.013	0.000	0.012	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.96	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.598189	0.0271055	-0.152449	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.32538	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00074839	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm88	LC2_MC_125	0.0	1.00	OK	0.02	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.017	0.016	0.000	0.016	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.598189	0.0216767	-0.198501	0	0	1	1	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.32538	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	799.301	0.00074839	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm88	LC5_MC_075	0.0	0.00	OK	0.12	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.059	0.118	0.002	0.116	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-2.1802	-3.89854	-0.602552	0	0	1.00022	1.00247	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.41094	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.00415337	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm88	LC5_MC_075	0.0	0.25	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.059	0.065	0.002	0.063	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-2.1802	-2.1943	-0.304165	0	0	1.00022	1.00247	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.41094	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.00415337	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm88	LC5_MC_075	0.0	0.50	OK	0.06	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.059	0.019	0.002	0.017	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-2.1802	-0.924746	-0.00576571	0	0	1.00022	1.00247	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.41094	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.00415337	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm88	LC5_MC_075	0.0	0.76	OK	0.06	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.059	0.027	0.002	0.025	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.75999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-2.1802	-0.0615209	0.304558	0	0	1.00022	1.00247	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.41094	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.00415337	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm88	LC5_MC_075	0.0	0.76	OK	0.03	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.031	0.007	0.001	0.006	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.76001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-1.11261	-0.0693201	-0.0571357	0	0	1.00011	1.00126	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.41094	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.00211956	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm88	LC5_MC_075	0.0	0.92	OK	0.03	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.031	0.021	0.001	0.020	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.92	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-1.11261	0.0267711	0.245071	0	0	1.00011	1.00126	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.41094	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.00211956	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm88	LC5_MC_075	0.0	1.00	OK	0.03	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.031	0.032	0.001	0.031	0.000	0.000	0.000	0.000	87.0154
	87.0154	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-1.11261	0.00804342	0.396165	0	0	1.00011	1.00126	9984.92	884.02
	888.112	1	1	583.247	180600	717.135	222058	1	583.247
	180600	2.41094	0	0	1.11787	5.08715	63.0177	2	14.1665
	280.5	1	5.34	284.625	524.922	0.00211956	56.716	12.7499	1.12277e-07
	1.22772e-08	0	0						
Bm89	LC2_MC_125	0.0	0.00	OK	0.13	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.030	0.133	0.001	0.132	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.772466	-2.72683	0.0150825	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.39749	0	0	0.814114	3.0515	23.5829	2	5.24755



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	108.57	1	5.34	166.221	396.134	0.00195001	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm89	LC2_MC_125	0.0	0.25	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.025	0.071	0.001	0.070	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.772466	-1.47008	-0.00170129	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.39749	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00195001	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm89	LC2_MC_125	0.0	0.46	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.022	0.032	0.001	0.031	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.45999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.772466	-0.577313	-0.0157996	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.39749	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00195001	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm89	LC2_MC_125	0.0	0.46	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.015	0.062	0.000	0.062	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.46001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.314629	-0.496452	0.182444	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.39513	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000794251	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm89	LC2_MC_125	0.0	0.71	OK	0.05	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.011	0.050	0.000	0.049	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.70999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.314629	0.141627	-0.20212	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.39513	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000794251	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm89	LC2_MC_125	0.0	0.71	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.022	0.056	0.002	0.054	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.71001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.724083	0.288946	0.190686	0	0	1.00027	1.00313	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.39351	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00403882	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm89	LC2_MC_125	0.0	0.76	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.022	0.024	0.002	0.022	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.724083	0.342628	-0.0264473	0	0	1.00027	1.00313	2721.81	232.372



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.39351	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00403882	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm89	LC2_MC_125	0.0	0.76	OK	0.05	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.009	0.052	0.000	0.052	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.76001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.0388712	0.359952	0.166199	0	0	1.00001	1.00017	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.39351	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.000216818	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm89	LC2_MC_125	0.0	1.00	OK	0.05	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.049	0.000	0.049	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.0388712	0.091572	-0.209371	0	0	1.00001	1.00017	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.39351	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.000216818	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm89	LC5_MC_075	0.0	0.00	OK	0.17	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.043	0.167	0.001	0.166	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.664497	-3.35012	-0.0387675	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.4029	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00167746	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm89	LC5_MC_075	0.0	0.25	OK	0.09	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.038	0.094	0.001	0.094	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.664497	-1.84935	-0.0306299	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.4029	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00167746	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm89	LC5_MC_075	0.0	0.46	OK	0.04	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.034	0.041	0.001	0.040	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.45999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.664497	-0.751617	-0.0237945	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.4029	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00167746	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm89	LC5_MC_075	0.0	0.46	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.028	0.073	0.001	0.072	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.46001	275000



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	2	2	2	2	1	2	1	1
	0.988732	-0.742101	-0.17516	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.40457	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00249596	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm89	LC5_MC_075	0.0	0.71	OK	0.04	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.023	0.043	0.001	0.042	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.70999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.988732	0.106225	0.175109	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.40457	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00249596	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm89	LC5_MC_075	0.0	0.71	OK	0.07	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.068	0.017	0.002	0.015	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.71001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	1.52064	0.0940383	-0.0519984	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.40731	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0038387	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm89	LC5_MC_075	0.0	0.76	OK	0.07	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.068	0.062	0.002	0.060	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	1.52064	0.186881	0.242108	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.40731	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0038387	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm89	LC5_MC_075	0.0	0.76	OK	0.04	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.018	0.038	0.000	0.037	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.76001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.317444	0.196966	-0.131829	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.40111	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000801355	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm89	LC5_MC_075	0.0	1.00	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.018	0.062	0.000	0.061	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	0.317444	0.0913533	0.268235	0	0	1	1	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	2.40111	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.000801355	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm90	LC2_MC_125	0.0	0.00	OK	0.49	ufH1	Geom OK	AISC member	ver_profil_4.run(1)



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.030	0.491	0.002	0.489	0.000	0.000	0.000	0.000	238.963
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	4	2	4	4	1	4	1	1
	-0.603225	-3.459	-1.54018	0	0	1.00089	1.0026	680.452	232.372
	440.149	1	1	199.201	124459	311.771	194791	1	199.201
	124459	2.72111	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0033647	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm90	LC2_MC_125	0.0	0.25	OK	0.05	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.021	0.053	0.002	0.051	0.000	0.000	0.000	0.000	238.963
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	4	2	4	4	1	4	1	1
	-0.603225	-1.02607	-0.014338	0	0	1.00089	1.0026	680.452	232.372
	440.149	1	1	199.201	124459	311.771	194791	1	199.201
	124459	2.72111	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0033647	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm90	LC2_MC_125	0.0	0.50	OK	0.35	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.013	0.347	0.002	0.346	0.000	0.000	0.000	0.000	238.963
	119.482	0	0.498783	0.103273	1.17757	0	0	0.49999	275000
	2.1e+08	4	2	4	4	1	4	1	1
	-0.603225	0.544328	1.5115	0	0	1.00089	1.0026	680.452	232.372
	440.149	1	1	199.201	124459	311.771	194791	1	199.201
	124459	2.72111	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0033647	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm90	LC2_MC_125	0.0	0.50	OK	0.35	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.014	0.350	0.001	0.350	0.000	0.000	0.000	0.000	238.963
	119.482	0	0.498783	0.103273	1.17757	0	0	0.50001	275000
	2.1e+08	4	2	4	4	1	4	1	1
	0.617042	0.544256	-1.52963	0	0	1	1	680.452	232.372
	440.149	1	1	199.201	124459	311.771	194791	1	199.201
	124459	2.73553	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00155766	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm90	LC2_MC_125	0.0	0.75	OK	0.04	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.019	0.036	0.001	0.036	0.000	0.000	0.000	0.000	238.963
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	4	2	4	4	1	4	1	1
	0.617042	-0.661067	0.0209956	0	0	1	1	680.452	232.372
	440.149	1	1	199.201	124459	311.771	194791	1	199.201
	124459	2.73553	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00155766	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm90	LC2_MC_125	0.0	1.00	OK	0.46	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.028	0.462	0.001	0.461	0.000	0.000	0.000	0.000	238.963
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	4	2	4	4	1	4	1	1
	0.617042	-2.72816	1.57163	0	0	1	1	680.452	232.372
	440.149	1	1	199.201	124459	311.771	194791	1	199.201
	124459	2.73553	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00155766	21.2246	4.72279	2.03549e-08



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	1.98619e-09	0	0						
Bm90	LC5_MC_075	0.0	0.00	OK	0.44	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.027	0.443	0.002	0.441	0.000	0.000	0.000	0.000	238.963
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	4	2	4	4	1	4	1	1
	1.94062	-2.62727	1.49789	0	0	1	1	680.452	232.372
	440.149	1	1	199.201	124459	311.771	194791	1	199.201
	124459	2.791	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0048989	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm90	LC5_MC_075	0.0	0.25	OK	0.04	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.018	0.036	0.002	0.034	0.000	0.000	0.000	0.000	238.963
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	4	2	4	4	1	4	1	1
	1.94062	-0.627361	0.0195494	0	0	1	1	680.452	232.372
	440.149	1	1	199.201	124459	311.771	194791	1	199.201
	124459	2.791	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0048989	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm90	LC5_MC_075	0.0	0.50	OK	0.34	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.013	0.335	0.002	0.333	0.000	0.000	0.000	0.000	238.963
	119.482	0	0.498783	0.103273	1.17757	0	0	0.49999	275000
	2.1e+08	4	2	4	4	1	4	1	1
	1.94062	0.510778	-1.45879	0	0	1	1	680.452	232.372
	440.149	1	1	199.201	124459	311.771	194791	1	199.201
	124459	2.791	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0048989	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm90	LC5_MC_075	0.0	0.50	OK	0.34	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.012	0.344	0.001	0.343	0.000	0.000	0.000	0.000	238.963
	119.482	0	0.498783	0.103273	1.17757	0	0	0.50001	275000
	2.1e+08	4	2	4	4	1	4	1	1
	0.818803	0.510636	1.50624	0	0	1	1	680.452	232.372
	440.149	1	1	199.201	124459	311.771	194791	1	199.201
	124459	2.7648	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00206699	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm90	LC5_MC_075	0.0	0.75	OK	0.05	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.021	0.052	0.001	0.051	0.000	0.000	0.000	0.000	238.963
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	4	2	4	4	1	4	1	1
	0.818803	-1.00139	-0.0165339	0	0	1	1	680.452	232.372
	440.149	1	1	199.201	124459	311.771	194791	1	199.201
	124459	2.7648	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00206699	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm90	LC5_MC_075	0.0	1.00	OK	0.49	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.029	0.486	0.001	0.485	0.000	0.000	0.000	0.000	238.963
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	4	2	4	4	1	4	1	1
	0.818803	-3.37518	-1.53931	0	0	1	1	680.452	232.372
	440.149	1	1	199.201	124459	311.771	194791	1	199.201



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	124459	2.7648	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00206699	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm91	LC2_MC_125	0.0	0.00	OK	0.85	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.196	0.851	0.025	0.826	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	1e-05	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-81.1691	-67.9979	28.7304	0	0	1.0115	1.00196	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.62818	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0500845	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC2_MC_125	0.0	0.04	OK	0.76	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.194	0.761	0.025	0.736	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.03749	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-81.1691	-60.5936	25.6333	0	0	1.0115	1.00196	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.62818	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0500845	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC2_MC_125	0.0	0.04	OK	0.76	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.194	0.761	0.025	0.736	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.03751	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-81.1691	-60.5896	25.6317	0	0	1.0115	1.00196	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.62818	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0500845	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC2_MC_125	0.0	0.25	OK	0.27	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.181	0.265	0.025	0.240	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.24999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-81.1691	-20.3565	8.07378	0	0	1.0115	1.00196	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.62818	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0500845	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC2_MC_125	0.0	0.25	OK	0.28	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.241	0.279	0.025	0.254	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.25001	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-82.1904	-20.3244	9.11999	0	0	1.01164	1.00199	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.62818	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0507147	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC2_MC_125	0.0	0.37	OK	0.23	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.233	0.045	0.025	0.019	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.37499	275000
	2.1e+08	4	1	4	4	1	4	1	1



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	-82.1904	1.31729	-0.798822	0	0	1.01164	1.00199	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.62818	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0507147	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC2_MC_125	0.0	0.38	OK	0.20	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.202	0.121	0.021	0.099	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.37501	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-69.1832	1.18354	6.87751	0	0	1.00978	1.00167	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.62818	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0426888	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC2_MC_125	0.0	0.47	OK	0.20	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.196	0.135	0.021	0.114	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.47499	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-69.1832	1.18354	6.87751	0	0	1.00978	1.00167	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.62818	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0426888	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC2_MC_125	0.0	0.48	OK	0.25	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.245	0.132	0.020	0.111	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.47501	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-66.084	14.4833	1.26575	0	0	1.00934	1.0016	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.62818	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0407764	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC2_MC_125	0.0	0.50	OK	0.25	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.245	0.136	0.020	0.115	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.49999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-66.084	16.8202	-0.417319	0	0	1.00934	1.0016	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.62818	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0407764	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC2_MC_125	0.0	0.50	OK	0.16	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.159	0.143	0.021	0.122	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.50001	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-67.3944	16.8656	0.90287	0	0	1.00953	1.00163	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.62818	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.041585	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC2_MC_125	0.0	0.52	OK	0.16	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.157	0.155	0.021	0.134	0.000	0.000	0.000	0.000	77.5944



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Report: 052400BZCZ00001_PRDE

Report: Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date: 05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	46.746	0	0.499742	0.0726496	0.51	0	0	0.52499	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-67.3944	18.9833	-0.779771	0	0	1.00953	1.00163	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.62818	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.041585	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC2_MC_125	0.0	0.53	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.149	0.152	0.025	0.126	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.52501	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-82.6131	19.0731	0.131492	0	0	1.0117	1.002	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.62818	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0509755	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC2_MC_125	0.0	0.62	OK	0.16	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.156	0.163	0.025	0.138	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.62499	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-82.6131	7.70525	-6.58257	0	0	1.0117	1.002	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.62818	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0509755	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC2_MC_125	0.0	0.63	OK	0.19	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.186	0.085	0.021	0.064	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.62501	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-69.6094	7.55168	1.07618	0	0	1.00984	1.00168	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.62818	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0429518	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC2_MC_125	0.0	0.75	OK	0.19	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.193	0.193	0.021	0.171	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.74999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-69.6094	-8.23628	-8.8237	0	0	1.00984	1.00168	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.62818	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0429518	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC2_MC_125	0.0	0.75	OK	0.18	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.130	0.178	0.022	0.156	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.75001	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-70.6877	-8.20576	-7.72712	0	0	1.01	1.00171	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.62818	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0436171	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm91	LC2_MC_125	0.0	0.96	OK	0.60	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.143	0.602	0.022	0.580	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.96249	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-70.6877	-38.448	-24.7743	0	0	1.01	1.00171	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.62818	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0436171	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC2_MC_125	0.0	0.96	OK	0.60	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.143	0.602	0.022	0.580	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.96251	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-70.6877	-38.451	-24.7759	0	0	1.01	1.00171	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.62818	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0436171	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC5_MC_075	0.0	1.00	OK	0.68	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.145	0.679	0.022	0.657	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.99999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-70.6877	-44.0924	-27.7829	0	0	1.01	1.00171	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.62818	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0436171	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC5_MC_075	0.0	0.00	OK	0.67	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.143	0.670	0.021	0.648	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	1e-05	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-68.8535	-42.7131	-27.7884	0	0	1.00973	1.00166	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65498	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0424853	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC5_MC_075	0.0	0.04	OK	0.59	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.141	0.593	0.021	0.572	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.03749	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-68.8535	-37.1782	-24.7794	0	0	1.00973	1.00166	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65498	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0424853	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC5_MC_075	0.0	0.04	OK	0.59	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.141	0.593	0.021	0.572	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.03751	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-68.8535	-37.1753	-24.7778	0	0	1.00973	1.00166	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65498	0	0	2.50718	12.4428	170.507	2	83.4467



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	297	1	5.34	990	1620.64	0.0424853	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC5_MC_075	0.0	0.25	OK	0.17	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.128	0.173	0.021	0.152	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.24999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-68.8535	-7.53681	-7.71952	0	0	1.00973	1.00166	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65498	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0424853	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC5_MC_075	0.0	0.25	OK	0.19	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.189	0.187	0.021	0.166	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.25001	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-67.8001	-7.56646	-8.79225	0	0	1.00958	1.00164	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65498	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0418353	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC5_MC_075	0.0	0.37	OK	0.18	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.181	0.086	0.021	0.065	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.37499	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-67.8001	7.87045	0.998923	0	0	1.00958	1.00164	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65498	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0418353	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC5_MC_075	0.0	0.38	OK	0.16	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.152	0.165	0.025	0.140	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.37501	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-80.6327	8.02252	-6.56013	0	0	1.01142	1.00195	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65498	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0497535	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC5_MC_075	0.0	0.47	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.146	0.150	0.025	0.126	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.47499	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-80.6327	19.1178	0.0746029	0	0	1.01142	1.00195	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65498	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0497535	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC5_MC_075	0.0	0.48	OK	0.16	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.164	0.156	0.020	0.136	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.47501	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-65.2643	19.0636	-0.873114	0	0	1.00922	1.00158	7142.08	41473.7



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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65498	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0402706	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC5_MC_075	0.0	0.50	OK	0.17	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.166	0.140	0.020	0.120	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.49999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-65.2643	16.8374	0.790592	0	0	1.00922	1.00158	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65498	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0402706	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC5_MC_075	0.0	0.50	OK	0.24	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.240	0.136	0.020	0.116	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.50001	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-63.9725	16.7929	-0.510752	0	0	1.00904	1.00154	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65498	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0394735	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC5_MC_075	0.0	0.52	OK	0.24	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.240	0.129	0.020	0.109	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.52499	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-63.9725	14.3477	1.16291	0	0	1.00904	1.00154	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65498	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0394735	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC5_MC_075	0.0	0.53	OK	0.20	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.199	0.132	0.021	0.111	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.52501	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-66.8831	16.9792	0.0345535	0	0	1.00945	1.00162	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65498	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0412695	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC5_MC_075	0.0	0.62	OK	0.20	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.205	0.115	0.021	0.095	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.62499	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-66.8831	0.867192	6.69841	0	0	1.00945	1.00162	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65498	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0412695	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC5_MC_075	0.0	0.63	OK	0.24	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.237	0.043	0.025	0.018	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.62501	275000



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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	4	1	4	4	1	4	1	1
	-79.7572	0.99889	-0.898032	0	0	1.01129	1.00193	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65498	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0492133	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC5_MC_075	0.0	0.75	OK	0.28	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.244	0.280	0.025	0.255	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.74999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-79.7572	-20.9227	8.94303	0	0	1.01129	1.00193	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65498	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0492133	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC5_MC_075	0.0	0.75	OK	0.27	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.183	0.266	0.024	0.242	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.75001	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-78.7404	-20.9544	7.90297	0	0	1.01115	1.0019	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65498	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0485859	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC5_MC_075	0.0	0.96	OK	0.76	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.196	0.761	0.024	0.736	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.96249	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-78.7404	-61.6665	25.1117	0	0	1.01115	1.0019	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65498	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0485859	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC5_MC_075	0.0	0.96	OK	0.76	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.196	0.761	0.024	0.736	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.96251	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-78.7404	-61.6705	25.1133	0	0	1.01115	1.0019	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65498	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0485859	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm91	LC5_MC_075	0.0	1.00	OK	0.85	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.198	0.850	0.024	0.825	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.99999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-78.7404	-69.1591	28.1488	0	0	1.01115	1.0019	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.65498	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0485859	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm92	LC2_MC_125	0.0	0.00	OK	0.21	ufH1	Geom OK	AISC member	ver_profil_4.run(1)



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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.077	0.209	0.001	0.208	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	1e-05	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-4.27219	-27.3819	2.22207	0	0	1.00015	1.0001	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.00479	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1742.3	0.00245203	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm92	LC2_MC_125	0.0	0.25	OK	0.12	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.070	0.123	0.001	0.122	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.25	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-4.27219	-17.7359	0.448491	0	0	1.00015	1.0001	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.00479	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1742.3	0.00245203	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm92	LC2_MC_125	0.0	0.50	OK	0.08	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.062	0.078	0.001	0.077	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.49999	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-4.27219	-9.10369	-1.32509	0	0	1.00015	1.0001	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.00479	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1742.3	0.00245203	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm92	LC2_MC_125	0.0	0.50	OK	0.06	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.042	0.063	0.001	0.063	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.50001	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-2.68792	-9.15274	0.231531	0	0	1.00009	1.00006	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.00479	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1742.3	0.00154274	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm92	LC2_MC_125	0.0	0.75	OK	0.05	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.034	0.047	0.001	0.047	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.75	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-2.68792	-4.15044	-1.46426	0	0	1.00009	1.00006	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.00479	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1742.3	0.00154274	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm92	LC2_MC_125	0.0	1.00	OK	0.04	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.027	0.044	0.001	0.043	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.99999	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-2.68792	-0.161828	-3.16006	0	0	1.00009	1.00006	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.00479	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1742.3	0.00154274	153.456	75.102	4.9131e-07



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Report:
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Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	1.71213e-07	0	0						
Bm92	LC5_MC_075	0.0	0.00	OK	0.21	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.090	0.211	0.001	0.210	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	1e-05	275000
	2.1e+08	2	1	2	2	1	2	1	1
	4.51083	-27.7269	-2.16866	0	0	1	1	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.03607	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.0024204	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm92	LC5_MC_075	0.0	0.25	OK	0.12	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.082	0.124	0.001	0.123	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.25	275000
	2.1e+08	2	1	2	2	1	2	1	1
	4.51083	-17.8142	-0.49655	0	0	1	1	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.03607	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.0024204	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm92	LC5_MC_075	0.0	0.50	OK	0.07	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.075	0.075	0.001	0.074	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.49999	275000
	2.1e+08	2	1	2	2	1	2	1	1
	4.51083	-8.91502	1.17556	0	0	1	1	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.03607	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.0024204	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm92	LC5_MC_075	0.0	0.50	OK	0.06	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.048	0.063	0.001	0.062	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.50001	275000
	2.1e+08	2	1	2	2	1	2	1	1
	2.97173	-8.87403	-0.324915	0	0	1	1	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.03592	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00159455	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm92	LC5_MC_075	0.0	0.75	OK	0.04	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.041	0.044	0.001	0.043	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.75	275000
	2.1e+08	2	1	2	2	1	2	1	1
	2.97173	-4.00134	1.27004	0	0	1	1	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.03592	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00159455	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm92	LC5_MC_075	0.0	1.00	OK	0.04	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.033	0.040	0.001	0.039	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.99999	275000
	2.1e+08	2	1	2	2	1	2	1	1
	2.97173	-0.142225	2.865	0	0	1	1	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	257091	2.03592	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00159455	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC2_MC_125	0.0	0.00	OK	0.73	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.164	0.727	0.023	0.703	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	1e-05	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-76.0587	-46.3978	30.1143	0	0	1.01076	1.00184	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.67318	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0469312	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC2_MC_125	0.0	0.04	OK	0.63	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.162	0.627	0.023	0.604	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.03749	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-76.0587	-40.3984	25.5549	0	0	1.01076	1.00184	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.67318	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0469312	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC2_MC_125	0.0	0.04	OK	0.63	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.162	0.627	0.023	0.603	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.03751	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-76.0587	-40.3952	25.5524	0	0	1.01076	1.00184	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.67318	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0469312	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC2_MC_125	0.0	0.14	OK	0.35	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.156	0.351	0.023	0.327	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.14249	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-76.0587	-24.0816	12.7816	0	0	1.01076	1.00184	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.67318	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0469312	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC2_MC_125	0.0	0.14	OK	0.36	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.139	0.360	0.023	0.337	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.14251	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-75.2334	-24.1015	13.4798	0	0	1.01065	1.00182	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.67318	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.046422	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC2_MC_125	0.0	0.25	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.133	0.155	0.023	0.131	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.24999	275000
	2.1e+08	4	1	4	4	1	4	1	1



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	-75.2334	-8.55363	5.68009	0	0	1.01065	1.00182	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.67318	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.046422	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC2_MC_125	0.0	0.25	OK	0.17	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.149	0.168	0.023	0.145	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.25001	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-74.0092	-8.58799	6.70811	0	0	1.01047	1.00179	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.67318	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0456666	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC2_MC_125	0.0	0.37	OK	0.14	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.142	0.102	0.023	0.079	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.37499	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-74.0092	8.16804	-1.93697	0	0	1.01047	1.00179	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.67318	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0456666	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC2_MC_125	0.0	0.38	OK	0.17	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.118	0.165	0.026	0.139	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.37501	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-84.9292	8.26372	6.40834	0	0	1.01203	1.00205	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.67318	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0524047	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC2_MC_125	0.0	0.47	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.112	0.150	0.026	0.124	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.47499	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-84.9292	18.5886	0.218717	0	0	1.01203	1.00205	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.67318	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0524047	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC2_MC_125	0.0	0.48	OK	0.16	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.158	0.155	0.022	0.133	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.47501	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-70.9845	18.3605	0.984859	0	0	1.01004	1.00171	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.67318	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0438002	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC2_MC_125	0.0	0.50	OK	0.16	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.159	0.136	0.022	0.114	0.000	0.000	0.000	0.000	77.5944



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	46.746	0	0.499742	0.0726496	0.51	0	0	0.49999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-70.9845	16.3428	-0.582064	0	0	1.01004	1.00171	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.67318	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0438002	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC2_MC_125	0.0	0.50	OK	0.23	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.229	0.136	0.021	0.114	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.50001	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-69.5547	16.2938	0.623489	0	0	1.00983	1.00168	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.67318	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.042918	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC2_MC_125	0.0	0.52	OK	0.23	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.229	0.124	0.021	0.103	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.52499	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-69.5547	14.0787	-0.827971	0	0	1.00983	1.00168	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.67318	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.042918	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC2_MC_125	0.0	0.53	OK	0.14	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.145	0.136	0.022	0.113	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.52501	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-71.5554	16.7536	0.322414	0	0	1.01012	1.00173	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.67318	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0441525	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC2_MC_125	0.0	0.62	OK	0.15	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.151	0.112	0.022	0.090	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.62499	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-71.5554	2.60854	-5.49926	0	0	1.01012	1.00173	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.67318	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0441525	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC2_MC_125	0.0	0.63	OK	0.19	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.190	0.082	0.026	0.057	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.62501	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-82.6588	2.70353	2.9514	0	0	1.01171	1.002	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.67318	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0510037	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm93	LC2_MC_125	0.0	0.75	OK	0.23	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.197	0.233	0.026	0.207	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.74999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-82.6588	-20.1031	-5.71209	0	0	1.01171	1.002	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.67318	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0510037	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC2_MC_125	0.0	0.75	OK	0.22	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.191	0.216	0.025	0.191	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.75001	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-80.8195	-20.158	-4.44965	0	0	1.01145	1.00195	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.67318	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0498688	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC2_MC_125	0.0	0.96	OK	0.77	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.204	0.772	0.025	0.747	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.96249	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-80.8195	-61.8431	-25.8718	0	0	1.01145	1.00195	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.67318	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0498688	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC2_MC_125	0.0	0.96	OK	0.77	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.204	0.772	0.025	0.748	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.96251	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-80.8195	-61.8471	-25.8738	0	0	1.01145	1.00195	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.67318	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0498688	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC2_MC_125	0.0	1.00	OK	0.87	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.206	0.873	0.025	0.848	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.99999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-80.8195	-69.5075	-29.6525	0	0	1.01145	1.00195	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.67318	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0498688	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC5_MC_075	0.0	0.00	OK	0.89	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.225	0.893	0.025	0.868	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	1e-05	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-79.7819	-71.5229	-30.1917	0	0	1.0113	1.00193	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.70916	0	0	2.50718	12.4428	170.507	2	83.4467



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	297	1	5.34	990	1620.64	0.0492286	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC5_MC_075	0.0	0.04	OK	0.78	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.223	0.780	0.025	0.756	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.03749	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-79.7819	-63.6213	-25.6162	0	0	1.0113	1.00193	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.70916	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0492286	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC5_MC_075	0.0	0.04	OK	0.78	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.223	0.780	0.025	0.756	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.03751	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-79.7819	-63.6171	-25.6138	0	0	1.0113	1.00193	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.70916	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0492286	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC5_MC_075	0.0	0.14	OK	0.47	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.216	0.469	0.025	0.444	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.14249	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-79.7819	-41.9759	-12.7982	0	0	1.0113	1.00193	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.70916	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0492286	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC5_MC_075	0.0	0.14	OK	0.48	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.187	0.478	0.025	0.453	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.14251	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-80.578	-41.9506	-13.4745	0	0	1.01141	1.00195	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.70916	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0497198	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC5_MC_075	0.0	0.25	OK	0.24	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.180	0.239	0.025	0.214	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.24999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-80.578	-20.8342	-5.86934	0	0	1.01141	1.00195	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.70916	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0497198	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC5_MC_075	0.0	0.25	OK	0.25	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.201	0.252	0.025	0.227	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.25001	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-81.7589	-20.7979	-6.86805	0	0	1.01158	1.00198	7142.08	41473.7



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.70916	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0504485	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC5_MC_075	0.0	0.37	OK	0.19	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.193	0.074	0.025	0.049	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.37499	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-81.7589	2.3626	2.52574	0	0	1.01158	1.00198	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.70916	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0504485	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC5_MC_075	0.0	0.38	OK	0.15	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.153	0.114	0.022	0.092	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.37501	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-70.8247	2.26905	-5.773	0	0	1.01002	1.00171	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.70916	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0437016	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC5_MC_075	0.0	0.47	OK	0.15	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.147	0.131	0.022	0.109	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.47499	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-70.8247	16.6284	0.0629903	0	0	1.01002	1.00171	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.70916	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0437016	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC5_MC_075	0.0	0.48	OK	0.23	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.231	0.126	0.021	0.105	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.47501	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-69.1863	13.8908	-1.06937	0	0	1.00978	1.00167	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.70916	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0426907	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC5_MC_075	0.0	0.50	OK	0.23	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.231	0.132	0.021	0.111	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.49999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-69.1863	16.262	0.384181	0	0	1.00978	1.00167	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.70916	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0426907	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC5_MC_075	0.0	0.50	OK	0.16	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.164	0.139	0.022	0.117	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.50001	275000



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	4	1	4	4	1	4	1	1
	-70.5956	16.3103	-0.804392	0	0	1.00998	1.00171	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.70916	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0435603	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC5_MC_075	0.0	0.52	OK	0.16	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.163	0.152	0.022	0.130	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.52499	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-70.5956	18.4853	0.717751	0	0	1.00998	1.00171	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.70916	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0435603	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC5_MC_075	0.0	0.53	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.109	0.148	0.026	0.122	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.52501	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-84.8581	18.6548	-0.0263602	0	0	1.01202	1.00205	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.70916	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0523608	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC5_MC_075	0.0	0.62	OK	0.16	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.115	0.162	0.026	0.136	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.62499	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-84.8581	8.60193	5.98734	0	0	1.01202	1.00205	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.70916	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0523608	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC5_MC_075	0.0	0.63	OK	0.14	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.135	0.109	0.023	0.086	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.62501	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-74.0305	8.50667	-2.30112	0	0	1.01047	1.00179	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.70916	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0456797	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC5_MC_075	0.0	0.75	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.143	0.146	0.023	0.123	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.74999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-74.0305	-7.78582	5.46148	0	0	1.01047	1.00179	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.70916	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0456797	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC5_MC_075	0.0	0.75	OK	0.13	ufShear	Geom OK	AISC member	ver_profil_4.run(1)



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.134	0.130	0.023	0.107	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.75001	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-75.821	-7.735	4.22842	0	0	1.01073	1.00183	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.70916	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0467845	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC5_MC_075	0.0	0.96	OK	0.61	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.147	0.610	0.023	0.586	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.96249	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-75.821	-38.5123	25.1961	0	0	1.01073	1.00183	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.70916	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0467845	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC5_MC_075	0.0	0.96	OK	0.61	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.147	0.610	0.023	0.587	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.96251	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-75.821	-38.5154	25.1981	0	0	1.01073	1.00183	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.70916	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0467845	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm93	LC5_MC_075	0.0	1.00	OK	0.70	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.149	0.697	0.023	0.673	0.000	0.000	0.000	0.000	77.5944
	46.746	0	0.499742	0.0726496	0.51	0	0	0.99999	275000
	2.1e+08	4	1	4	4	1	4	1	1
	-75.821	-44.2515	28.8967	0	0	1.01073	1.00183	7142.08	41473.7
	2070.75	1	1	1834.11	243573	1800.71	239139	1	1800.71
	239139	2.70916	0	0	2.50718	12.4428	170.507	2	83.4467
	297	1	5.34	990	1620.64	0.0467845	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm94	LC2_MC_125	0.0	0.00	OK	0.19	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.090	0.194	0.001	0.193	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	1e-05	275000
	2.1e+08	2	1	2	2	1	2	1	1
	5.03554	-27.104	-1.21731	0	0	1	1	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.03116	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00270194	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm94	LC2_MC_125	0.0	0.25	OK	0.13	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.082	0.128	0.001	0.126	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.25	275000
	2.1e+08	2	1	2	2	1	2	1	1
	5.03554	-17.4406	-0.950621	0	0	1	1	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.03116	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00270194	153.456	75.102	4.9131e-07



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	1.71213e-07	0	0						
Bm94	LC2_MC_125	0.0	0.50	OK	0.07	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.075	0.068	0.001	0.066	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.49999	275000
	2.1e+08	2	1	2	2	1	2	1	1
	5.03554	-8.7908	-0.683933	0	0	1	1	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.03116	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.00270194	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm94	LC2_MC_125	0.0	0.50	OK	0.07	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.049	0.066	0.001	0.065	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.50001	275000
	2.1e+08	2	1	2	2	1	2	1	1
	3.24615	-8.74122	0.615236	0	0	1	1	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.03098	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.0017418	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm94	LC2_MC_125	0.0	0.75	OK	0.04	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.041	0.038	0.001	0.038	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.75	275000
	2.1e+08	2	1	2	2	1	2	1	1
	3.24615	-3.93171	-0.899799	0	0	1	1	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.03098	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.0017418	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm94	LC2_MC_125	0.0	1.00	OK	0.03	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.034	0.034	0.001	0.033	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.99999	275000
	2.1e+08	2	1	2	2	1	2	1	1
	3.24615	-0.13578	-2.41483	0	0	1	1	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	2.03098	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1863.67	0.0017418	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm94	LC5_MC_075	0.0	0.00	OK	0.19	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.075	0.188	0.001	0.186	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	1e-05	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-4.79513	-26.8218	0.862497	0	0	1.00017	1.00012	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	1.98975	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1742.3	0.00275218	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm94	LC5_MC_075	0.0	0.25	OK	0.13	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.067	0.125	0.001	0.124	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.25	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-4.79513	-17.4546	0.743505	0	0	1.00017	1.00012	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	257091	1.98975	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1742.3	0.00275218	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm94	LC5_MC_075	0.0	0.50	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.060	0.069	0.001	0.068	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.49999	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-4.79513	-9.1011	0.624513	0	0	1.00017	1.00012	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	1.98975	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1742.3	0.00275218	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm94	LC5_MC_075	0.0	0.50	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.042	0.069	0.001	0.068	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.50001	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-3.03507	-9.15576	-0.640104	0	0	1.00011	1.00007	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	1.98975	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1742.3	0.00174199	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm94	LC5_MC_075	0.0	0.75	OK	0.04	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.035	0.040	0.001	0.039	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.75	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-3.03507	-4.15193	0.911574	0	0	1.00011	1.00007	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	1.98975	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1742.3	0.00174199	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm94	LC5_MC_075	0.0	1.00	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.027	0.035	0.001	0.034	0.000	0.000	0.000	0.000	38.7972
	23.373	0	0.499742	0.0726496	0.51	0	0	0.99999	275000
	2.1e+08	2	1	2	2	1	2	1	1
	-3.03507	-0.161803	2.46325	0	0	1.00011	1.00007	28568.3	41473.7
	2070.75	1	1	2008.87	266782	1935.89	257091	1	1935.89
	257091	1.98975	0	0	2.50718	0	170.507	2	83.4467
	297	1	5.34	990	1742.3	0.00174199	153.456	75.102	4.9131e-07
	1.71213e-07	0	0						
Bm99	LC2_MC_125	0.0	0.00	OK	0.27	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.031	0.273	0.001	0.273	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.29603
	0.417595	0.00727101	1.28595	0	0	1	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56563	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00105418	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm99	LC2_MC_125	0.0	0.25	OK	0.17	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.031	0.175	0.001	0.174	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.29603



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Report:
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Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.417595	0.461653	0.72017	0	0	1	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56563	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00105418	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm99	LC2_MC_125	0.0	0.50	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.031	0.075	0.001	0.074	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.29603
	0.417595	0.877271	0.154363	0	0	1	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56563	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00105418	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm99	LC2_MC_125	0.0	0.75	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.031	0.146	0.001	0.146	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.29603
	0.417595	1.24441	-0.411444	0	0	1	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56563	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00105418	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm99	LC2_MC_125	0.0	1.00	OK	0.28	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.031	0.282	0.001	0.281	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.29603
	0.417595	1.57276	-0.977229	0	0	1	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56563	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00105418	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm99	LC5_MC_075	0.0	0.00	OK	0.22	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.026	0.223	0.003	0.220	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.304325
	-1.06232	0.00727723	-1.03832	0	0	1.00008	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.5653	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00592544	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm99	LC5_MC_075	0.0	0.25	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.024	0.149	0.003	0.146	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.304325
	-1.06232	0.461504	-0.586871	0	0	1.00008	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.5653	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00592544	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm99	LC5_MC_075	0.0	0.50	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.022	0.073	0.003	0.070	0.000	0.000	0.000	0.000	53.7667



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Report: 052400BZCZ00001_PRDE

Report: Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date: 05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frw						
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.304325
	-1.06232	0.876965	-0.135404	0	0	1.00008	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.5653	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00592544	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm99	LC5_MC_075	0.0	0.75	OK	0.13	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.020	0.128	0.003	0.126	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.304325
	-1.06232	1.24394	0.316063	0	0	1.00008	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.5653	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00592544	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm99	LC5_MC_075	0.0	1.00	OK	0.24	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.019	0.240	0.003	0.237	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.304325
	-1.06232	1.57212	0.767512	0	0	1.00008	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.5653	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00592544	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm100	LC2_MC_125	0.0	0.00	OK	0.23	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.026	0.225	0.003	0.222	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.304167
	-1.03011	0.00727697	1.04884	0	0	1.00008	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56528	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0057458	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm100	LC2_MC_125	0.0	0.25	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.024	0.150	0.003	0.147	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.304167
	-1.03011	0.461431	0.592715	0	0	1.00008	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56528	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0057458	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm100	LC2_MC_125	0.0	0.50	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.022	0.073	0.003	0.070	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.304167
	-1.03011	0.876819	0.136569	0	0	1.00008	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56528	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0057458	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						



GeniE V7.9-04

Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm100	LC2_MC_125	0.0	0.75	OK	0.13	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.020	0.129	0.003	0.126	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.304167
	-1.03011	1.24372	-0.319577	0	0	1.00008	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56528	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0057458	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm100	LC2_MC_125	0.0	1.00	OK	0.24	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.020	0.241	0.003	0.238	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.304167
	-1.03011	1.57183	-0.775704	0	0	1.00008	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56528	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0057458	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm100	LC5_MC_075	0.0	0.00	OK	0.27	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.031	0.271	0.001	0.270	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.296087
	0.450491	0.00727077	-1.27524	0	0	1	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56564	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00113722	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm100	LC5_MC_075	0.0	0.25	OK	0.17	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.031	0.174	0.001	0.173	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.296087
	0.450491	0.46158	-0.714216	0	0	1	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56564	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00113722	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm100	LC5_MC_075	0.0	0.50	OK	0.07	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.031	0.074	0.001	0.074	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.296087
	0.450491	0.877126	-0.153168	0	0	1	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56564	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00113722	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm100	LC5_MC_075	0.0	0.75	OK	0.15	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.031	0.146	0.001	0.145	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.296087
	0.450491	1.24419	0.407879	0	0	1	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56564	0	0	0.814114	3.0515	23.5829	2	5.24755



GeniE V7.9-04

Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	108.57	1	5.34	166.221	396.134	0.00113722	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm100	LC5_MC_075	0.0	1.00	OK	0.28	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.031	0.280	0.001	0.279	0.000	0.000	0.000	0.000	53.7667
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	0.9	2	0.9	0.9	1	0.9	1	0.296087
	0.450491	1.57247	0.968905	0	0	1	1	13441	232.372
	440.149	1	1	199.201	124459	399.244	249444	1	199.201
	124459	1.56564	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00113722	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm101	LC2_MC_125	0.0	0.00	OK	0.42	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.053	0.422	0.244	0.177	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-43.8258	0.783014	-0.592207	0	0	1.06171	1.23244	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.244453	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm101	LC2_MC_125	0.0	0.24	OK	0.62	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.045	0.620	0.244	0.376	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.236832	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-43.8258	4.01101	0.199996	0	0	1.06171	1.23244	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.244453	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm101	LC2_MC_125	0.0	0.24	OK	0.82	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.012	0.824	0.230	0.593	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.236852	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-41.3111	3.99054	-1.36658	0	0	1.05797	1.21622	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.230427	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm101	LC2_MC_125	0.0	0.50	OK	0.61	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.012	0.607	0.230	0.377	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-41.3111	4.44801	0.00996566	0	0	1.05797	1.21622	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.230427	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm101	LC2_MC_125	0.0	0.76	OK	0.83	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.012	0.828	0.230	0.597	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.763148	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-41.3111	3.99375	1.38651	0	0	1.05797	1.21622	753.963	232.372



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.230427	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm101	LC2_MC_125	0.0	0.76	OK	0.58	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.039	0.575	0.219	0.356	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.763168	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-39.2838	3.98501	0.109763	0	0	1.05497	1.20345	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.219119	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm101	LC2_MC_125	0.0	1.00	OK	0.33	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.047	0.326	0.219	0.107	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-39.2838	0.781513	0.219967	0	0	1.05497	1.20345	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.219119	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm101	LC5_MC_075	0.0	0.00	OK	0.32	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.047	0.321	0.219	0.102	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-39.2764	0.780932	0.19396	0	0	1.05496	1.2034	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.219078	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm101	LC5_MC_075	0.0	0.24	OK	0.58	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.039	0.577	0.219	0.358	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.236832	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-39.2764	3.98484	0.120423	0	0	1.05496	1.2034	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.219078	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm101	LC5_MC_075	0.0	0.24	OK	0.83	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.827	0.230	0.597	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.236852	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-41.2829	3.99344	1.38429	0	0	1.05793	1.21604	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.23027	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm101	LC5_MC_075	0.0	0.50	OK	0.61	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.607	0.230	0.377	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-41.2829	4.44784	0.00995144	0	0	1.05793	1.21604	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.23027	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm101	LC5_MC_075	0.0	0.76	OK	0.82	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.823	0.230	0.593	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.763148	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-41.2829	3.99055	-1.36439	0	0	1.05793	1.21604	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.23027	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm101	LC5_MC_075	0.0	0.76	OK	0.62	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.045	0.618	0.244	0.373	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.763168	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-43.7765	4.01087	0.188763	0	0	1.06164	1.23212	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.244178	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm101	LC5_MC_075	0.0	1.00	OK	0.42	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.053	0.417	0.244	0.172	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-43.7765	0.783545	-0.564928	0	0	1.06164	1.23212	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.05174	0	0	0.814114	3.0515	11.7239	2	5.24755
	108.57	1	5.34	166.221	179.281	0.244178	10.5515	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm103	LC2_MC_125	0.0	0.00	OK	0.27	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.031	0.272	0.001	0.271	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	0.463444	0.00738216	-1.27778	0	0	1	1	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.20285	0	0	0.814114	3.0515	13.4083	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00116992	12.0675	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm103	LC2_MC_125	0.0	0.24	OK	0.33	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.031	0.328	0.001	0.327	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.236832	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	0.463444	1.46768	0.972279	0	0	1	1	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.20285	0	0	0.814114	3.0515	13.4083	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00116992	12.0675	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm103	LC2_MC_125	0.0	0.24	OK	0.45	ufH1	Geom OK	AISC member	ver_profil_4.run(1)



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.020	0.448	0.001	0.447	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.236852	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-0.528561	1.47319	-1.53071	0	0	1.0007	1.00228	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00294823	12.0243	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm103	LC2_MC_125	0.0	0.34	OK	0.37	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.017	0.369	0.001	0.368	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.342095	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-0.528561	2.09458	-0.914089	0	0	1.0007	1.00228	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00294823	12.0243	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm103	LC2_MC_125	0.0	0.34	OK	0.37	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.014	0.369	0.001	0.368	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.342115	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-0.528561	2.0929	-0.913973	0	0	1.0007	1.00228	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00294823	12.0243	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm103	LC2_MC_125	0.0	0.50	OK	0.19	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.014	0.189	0.001	0.187	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-0.528561	2.24895	0.000923061	0	0	1.0007	1.00228	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00294823	12.0243	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm103	LC2_MC_125	0.0	0.66	OK	0.37	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.014	0.370	0.001	0.368	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.657885	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-0.528561	2.09455	0.915819	0	0	1.0007	1.00228	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00294823	12.0243	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm103	LC2_MC_125	0.0	0.66	OK	0.37	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.017	0.369	0.001	0.368	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.657905	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-0.528561	2.09272	0.915934	0	0	1.0007	1.00228	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00294823	12.0243	4.72279	2.03549e-08



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	1.98619e-09	0	0						
Bm103	LC2_MC_125	0.0	0.76	OK	0.45	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.020	0.447	0.001	0.445	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.763148	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-0.528561	1.47244	1.5252	0	0	1.0007	1.00228	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00294823	12.0243	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm103	LC2_MC_125	0.0	0.76	OK	0.29	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.020	0.290	0.003	0.287	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.763168	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-1.03424	1.46895	-0.778651	0	0	1.00137	1.00447	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00576883	12.0243	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm103	LC2_MC_125	0.0	1.00	OK	0.23	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.025	0.226	0.003	0.223	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-1.03424	0.00739775	1.05245	0	0	1.00137	1.00447	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00576883	12.0243	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm103	LC5_MC_075	0.0	0.00	OK	0.23	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.025	0.226	0.003	0.223	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-1.01624	0.00739775	1.05101	0	0	1.00135	1.00439	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00566844	12.0243	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm103	LC5_MC_075	0.0	0.24	OK	0.29	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.020	0.289	0.003	0.286	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.236832	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-1.01624	1.46877	-0.775764	0	0	1.00135	1.00439	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00566844	12.0243	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm103	LC5_MC_075	0.0	0.24	OK	0.45	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.020	0.445	0.001	0.444	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.236852	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-0.52838	1.4723	1.51743	0	0	1.0007	1.00228	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00294722	12.0243	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm103	LC5_MC_075	0.0	0.34	OK	0.37	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.017	0.369	0.001	0.368	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.342095	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-0.52838	2.09265	0.915011	0	0	1.0007	1.00228	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00294722	12.0243	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm103	LC5_MC_075	0.0	0.34	OK	0.37	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.014	0.369	0.001	0.368	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.342115	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-0.52838	2.09446	0.914896	0	0	1.0007	1.00228	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00294722	12.0243	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm103	LC5_MC_075	0.0	0.50	OK	0.19	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.014	0.189	0.001	0.187	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-0.52838	2.24895	0.000923351	0	0	1.0007	1.00228	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00294722	12.0243	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm103	LC5_MC_075	0.0	0.66	OK	0.37	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.014	0.369	0.001	0.367	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.657885	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-0.52838	2.093	-0.913049	0	0	1.0007	1.00228	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00294722	12.0243	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm103	LC5_MC_075	0.0	0.66	OK	0.37	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.017	0.369	0.001	0.368	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.657905	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-0.52838	2.09466	-0.913165	0	0	1.0007	1.00228	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00294722	12.0243	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm103	LC5_MC_075	0.0	0.76	OK	0.45	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.020	0.446	0.001	0.445	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.763148	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	-0.52838	1.47333	-1.52291	0	0	1.0007	1.00228	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00294722	12.0243	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm103	LC5_MC_075	0.0	0.76	OK	0.33	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.031	0.327	0.001	0.327	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.763168	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	0.445437	1.46783	0.969375	0	0	1	1	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.20268	0	0	0.814114	3.0515	13.4065	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00112446	12.0658	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm103	LC5_MC_075	0.0	1.00	OK	0.27	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.031	0.271	0.001	0.271	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	0.445437	0.00738197	-1.27635	0	0	1	1	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.20268	0	0	0.814114	3.0515	13.4065	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00112446	12.0658	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm104	LC2_MC_125	0.0	0.00	OK	0.23	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.025	0.227	0.003	0.224	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-1.00427	0.00739776	-1.0565	0	0	1.00133	1.00434	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00560166	12.0242	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm104	LC2_MC_125	0.0	0.24	OK	0.29	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.020	0.290	0.003	0.287	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.236832	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-1.00427	1.46878	0.779739	0	0	1.00133	1.00434	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00560166	12.0242	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm104	LC2_MC_125	0.0	0.24	OK	0.45	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.020	0.446	0.001	0.444	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.236852	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-0.515181	1.47231	-1.52001	0	0	1.00068	1.00222	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.0028736	12.0242	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm104	LC2_MC_125	0.0	0.34	OK	0.37	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.017	0.370	0.001	0.368	0.000	0.000	0.000	0.000	227.015



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run	
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens	
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy	
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz	
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez	
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE	
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz	
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J	
	Cw	frnw	frvw							
	119.482	0	0.498783	OK	0.103273	1.17757	0	0	0.342095	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1	
	-0.515181	2.09265	-0.916384	0	0	1.00068	1.00222	753.963	232.372	
	440.149	1	1	199.201	124459	313.322	195760	1	199.201	
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755	
	108.57	1	5.34	166.221	179.281	0.0028736	12.0242	4.72279	2.03549e-08	
	1.98619e-09	0	0							
Bm104	LC2_MC_125	0.0	0.34	OK	0.37	ufH1	Geom OK	AISC member	ver_profil_4.run(1)	
	0.014	0.370	0.001	0.368	0.000	0.000	0.000	0.000	227.015	
	119.482	0	0.498783	OK	0.103273	1.17757	0	0	0.342115	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1	
	-0.515181	2.09447	-0.916269	0	0	1.00068	1.00222	753.963	232.372	
	440.149	1	1	199.201	124459	313.322	195760	1	199.201	
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755	
	108.57	1	5.34	166.221	179.281	0.0028736	12.0242	4.72279	2.03549e-08	
	1.98619e-09	0	0							
Bm104	LC2_MC_125	0.0	0.50	OK	0.19	ufH1	Geom OK	AISC member	ver_profil_4.run(1)	
	0.014	0.189	0.001	0.187	0.000	0.000	0.000	0.000	227.015	
	119.482	0	0.498783	OK	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1	
	-0.515181	2.24896	-0.000570611	0	0	1.00068	1.00222	753.963	232.372	
	440.149	1	1	199.201	124459	313.322	195760	1	199.201	
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755	
	108.57	1	5.34	166.221	179.281	0.0028736	12.0242	4.72279	2.03549e-08	
	1.98619e-09	0	0							
Bm104	LC2_MC_125	0.0	0.66	OK	0.37	ufH1	Geom OK	AISC member	ver_profil_4.run(1)	
	0.014	0.369	0.001	0.368	0.000	0.000	0.000	0.000	227.015	
	119.482	0	0.498783	OK	0.103273	1.17757	0	0	0.657885	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1	
	-0.515181	2.093	0.915127	0	0	1.00068	1.00222	753.963	232.372	
	440.149	1	1	199.201	124459	313.322	195760	1	199.201	
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755	
	108.57	1	5.34	166.221	179.281	0.0028736	12.0242	4.72279	2.03549e-08	
	1.98619e-09	0	0							
Bm104	LC2_MC_125	0.0	0.66	OK	0.37	ufH1	Geom OK	AISC member	ver_profil_4.run(1)	
	0.017	0.369	0.001	0.368	0.000	0.000	0.000	0.000	227.015	
	119.482	0	0.498783	OK	0.103273	1.17757	0	0	0.657905	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1	
	-0.515181	2.09469	0.915243	0	0	1.00068	1.00222	753.963	232.372	
	440.149	1	1	199.201	124459	313.322	195760	1	199.201	
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755	
	108.57	1	5.34	166.221	179.281	0.0028736	12.0242	4.72279	2.03549e-08	
	1.98619e-09	0	0							
Bm104	LC2_MC_125	0.0	0.76	OK	0.45	ufH1	Geom OK	AISC member	ver_profil_4.run(1)	
	0.020	0.447	0.001	0.446	0.000	0.000	0.000	0.000	227.015	
	119.482	0	0.498783	OK	0.103273	1.17757	0	0	0.763148	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1	
	-0.515181	1.47337	1.52622	0	0	1.00068	1.00222	753.963	232.372	
	440.149	1	1	199.201	124459	313.322	195760	1	199.201	
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755	
	108.57	1	5.34	166.221	179.281	0.0028736	12.0242	4.72279	2.03549e-08	
	1.98619e-09	0	0							



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm104	LC2_MC_125	0.0	0.76	OK	0.33	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.031	0.327	0.001	0.327	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.763168	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	0.460679	1.46789	-0.968814	0	0	1	1	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.20282	0	0	0.814114	3.0515	13.408	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00116294	12.0672	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm104	LC2_MC_125	0.0	1.00	OK	0.27	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.031	0.271	0.001	0.271	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	0.460679	0.00738197	1.27535	0	0	1	1	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.20282	0	0	0.814114	3.0515	13.408	2	5.24755
	108.57	1	5.34	166.221	396.134	0.00116294	12.0672	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm104	LC5_MC_075	0.0	0.00	OK	0.27	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.031	0.271	0.001	0.270	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	0.475915	0.00738224	1.27212	0	0	1	1	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.20296	0	0	0.814114	3.0515	13.4096	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0012014	12.0686	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm104	LC5_MC_075	0.0	0.24	OK	0.33	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.031	0.327	0.001	0.327	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.236832	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	0.475915	1.46772	-0.968194	0	0	1	1	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.20296	0	0	0.814114	3.0515	13.4096	2	5.24755
	108.57	1	5.34	166.221	396.134	0.0012014	12.0686	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm104	LC5_MC_075	0.0	0.24	OK	0.45	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.020	0.448	0.001	0.446	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.236852	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-0.514873	1.4732	1.52804	0	0	1.00068	1.00222	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00287188	12.0242	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm104	LC5_MC_075	0.0	0.34	OK	0.37	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.017	0.369	0.001	0.367	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.342095	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-0.514873	2.09458	0.912593	0	0	1.00068	1.00222	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	108.57	1	5.34	166.221	179.281	0.00287188	12.0242	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm104	LC5_MC_075	0.0	0.34	OK	0.37	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.014	0.369	0.001	0.367	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.342115	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-0.514873	2.09291	0.912477	0	0	1.00068	1.00222	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00287188	12.0242	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm104	LC5_MC_075	0.0	0.50	OK	0.19	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.014	0.189	0.001	0.187	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-0.514873	2.24895	-0.000567739	0	0	1.00068	1.00222	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00287188	12.0242	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm104	LC5_MC_075	0.0	0.66	OK	0.37	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.014	0.369	0.001	0.368	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.657885	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-0.514873	2.09455	-0.913612	0	0	1.00068	1.00222	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00287188	12.0242	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm104	LC5_MC_075	0.0	0.66	OK	0.37	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.017	0.369	0.001	0.368	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.657905	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-0.514873	2.09275	-0.913728	0	0	1.00068	1.00222	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00287188	12.0242	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm104	LC5_MC_075	0.0	0.76	OK	0.45	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.020	0.446	0.001	0.445	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.763148	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-0.514873	1.47247	-1.52184	0	0	1.00068	1.00222	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00287188	12.0242	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm104	LC5_MC_075	0.0	0.76	OK	0.29	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.020	0.290	0.003	0.287	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.763168	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-1.01925	1.46897	0.779304	0	0	1.00135	1.00441	753.963	232.372



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00568524	12.0242	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm104	LC5_MC_075	0.0	1.00	OK	0.23	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.025	0.227	0.003	0.224	0.000	0.000	0.000	0.000	227.015
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	3.8	2	3.8	3.8	1	3.8	1	1
	-1.01925	0.00739772	-1.05348	0	0	1.00135	1.00441	753.963	232.372
	440.149	1	1	199.201	124459	313.322	195760	1	199.201
	124459	1.19854	0	0	0.814114	3.0515	13.3603	2	5.24755
	108.57	1	5.34	166.221	179.281	0.00568524	12.0242	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm105	LC2_MC_125	0.0	0.00	OK	0.01	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.0168794	1.72243e-05	0	0	0	1.00001	1.00007	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.15385	0	0	0.814114	3.0515	21.6228	2	5.24755
	108.57	1	5.34	166.221	179.281	9.41509e-05	19.4605	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm105	LC2_MC_125	0.0	0.25	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.016	0.000	0.016	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.0168794	0.311221	0	0	0	1.00001	1.00007	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.15385	0	0	0.814114	3.0515	21.6228	2	5.24755
	108.57	1	5.34	166.221	179.281	9.41509e-05	19.4605	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm105	LC2_MC_125	0.0	0.50	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.004	0.022	0.000	0.022	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.0168794	0.430921	0	0	0	1.00001	1.00007	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.15385	0	0	0.814114	3.0515	21.6228	2	5.24755
	108.57	1	5.34	166.221	179.281	9.41509e-05	19.4605	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm105	LC2_MC_125	0.0	0.75	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.016	0.000	0.016	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.0168794	0.311221	0	0	0	1.00001	1.00007	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.15385	0	0	0.814114	3.0515	21.6228	2	5.24755
	108.57	1	5.34	166.221	179.281	9.41509e-05	19.4605	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm105	LC2_MC_125	0.0	1.00	OK	0.01	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	2	2	2	2	1	2	1	1
	-0.0168794	1.72196e-05	0	0	0	1.00001	1.00007	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.15385	0	0	0.814114	3.0515	21.6228	2	5.24755
	108.57	1	5.34	166.221	179.281	9.41509e-05	19.4605	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm105	LC5_MC_075	0.0	0.00	OK	0.01	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.0170232	1.72243e-05	0	0	0	1.00001	1.00007	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.15385	0	0	0.814114	3.0515	21.6228	2	5.24755
	108.57	1	5.34	166.221	179.281	9.49529e-05	19.4605	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm105	LC5_MC_075	0.0	0.25	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.016	0.000	0.016	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.0170232	0.311221	0	0	0	1.00001	1.00007	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.15385	0	0	0.814114	3.0515	21.6228	2	5.24755
	108.57	1	5.34	166.221	179.281	9.49529e-05	19.4605	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm105	LC5_MC_075	0.0	0.50	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.004	0.022	0.000	0.022	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.0170232	0.430921	0	0	0	1.00001	1.00007	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.15385	0	0	0.814114	3.0515	21.6228	2	5.24755
	108.57	1	5.34	166.221	179.281	9.49529e-05	19.4605	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm105	LC5_MC_075	0.0	0.75	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.016	0.000	0.016	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.0170232	0.311221	0	0	0	1.00001	1.00007	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.15385	0	0	0.814114	3.0515	21.6228	2	5.24755
	108.57	1	5.34	166.221	179.281	9.49529e-05	19.4605	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm105	LC5_MC_075	0.0	1.00	OK	0.01	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.0170232	1.72196e-05	0	0	0	1.00001	1.00007	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.15385	0	0	0.814114	3.0515	21.6228	2	5.24755
	108.57	1	5.34	166.221	179.281	9.49529e-05	19.4605	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm106	LC2_MC_125	0.0	0.00	OK	0.01	ufShear	Geom OK	AISC member	ver_profil_4.run(1)



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Report: 052400BZCZ00001_PRDE

Report: Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date: 05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.00147143	1.72242e-05	0	0	0	1	1.00001	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.15385	0	0	0.814114	3.0515	21.6228	2	5.24755
	108.57	1	5.34	166.221	179.281	8.20741e-06	19.4605	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm106	LC2_MC_125	0.0	0.25	OK	0.02	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.007	0.016	0.000	0.016	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.00147143	0.311219	0	0	0	1	1.00001	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.15385	0	0	0.814114	3.0515	21.6228	2	5.24755
	108.57	1	5.34	166.221	179.281	8.20741e-06	19.4605	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm106	LC2_MC_125	0.0	0.50	OK	0.02	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.004	0.022	0.000	0.022	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.00147143	0.430919	0	0	0	1	1.00001	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.15385	0	0	0.814114	3.0515	21.6228	2	5.24755
	108.57	1	5.34	166.221	179.281	8.20741e-06	19.4605	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm106	LC2_MC_125	0.0	0.75	OK	0.02	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.007	0.016	0.000	0.016	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.00147143	0.311219	0	0	0	1	1.00001	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.15385	0	0	0.814114	3.0515	21.6228	2	5.24755
	108.57	1	5.34	166.221	179.281	8.20741e-06	19.4605	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm106	LC2_MC_125	0.0	1.00	OK	0.01	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.00147143	1.72195e-05	0	0	0	1	1.00001	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.15385	0	0	0.814114	3.0515	21.6228	2	5.24755
	108.57	1	5.34	166.221	179.281	8.20741e-06	19.4605	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm106	LC5_MC_075	0.0	0.00	OK	0.01	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.00125981	1.72242e-05	0	0	0	1	1.00001	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.15385	0	0	0.814114	3.0515	21.6228	2	5.24755
	108.57	1	5.34	166.221	179.281	7.02702e-06	19.4605	4.72279	2.03549e-08



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	1.98619e-09	0	0						
Bm106	LC5_MC_075	0.0	0.25	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.016	0.000	0.016	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.00125981	0.311219	0	0	0	1	1.00001	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.15385	0	0	0.814114	3.0515	21.6228	2	5.24755
	108.57	1	5.34	166.221	179.281	7.02702e-06	19.4605	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm106	LC5_MC_075	0.0	0.50	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.004	0.022	0.000	0.022	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.00125981	0.430919	0	0	0	1	1.00001	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.15385	0	0	0.814114	3.0515	21.6228	2	5.24755
	108.57	1	5.34	166.221	179.281	7.02702e-06	19.4605	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm106	LC5_MC_075	0.0	0.75	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.016	0.000	0.016	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.00125981	0.311219	0	0	0	1	1.00001	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.15385	0	0	0.814114	3.0515	21.6228	2	5.24755
	108.57	1	5.34	166.221	179.281	7.02702e-06	19.4605	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm106	LC5_MC_075	0.0	1.00	OK	0.01	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	119.482
	119.482	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-0.00125981	1.72195e-05	0	0	0	1	1.00001	2721.81	232.372
	440.149	1	1	199.201	124459	344.391	215172	1	199.201
	124459	1.15385	0	0	0.814114	3.0515	21.6228	2	5.24755
	108.57	1	5.34	166.221	179.281	7.02702e-06	19.4605	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm107	LC2_MC_125	0.0	0.00	OK	0.12	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.077	0.121	0.070	0.050	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-55.4368	1.05623	0.00280616	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.140501	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm107	LC2_MC_125	0.0	0.25	OK	0.11	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.078	0.108	0.070	0.038	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-55.4368	0.793741	0.00210464	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.140501	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm107	LC2_MC_125	0.0	0.50	OK	0.10	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.078	0.096	0.070	0.025	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-55.4368	0.530278	0.0014031	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.140501	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm107	LC2_MC_125	0.0	0.75	OK	0.08	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.078	0.083	0.070	0.013	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-55.4368	0.265618	0.000701548	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.140501	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm107	LC2_MC_125	0.0	1.00	OK	0.08	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.079	0.070	0.070	0.000	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-55.4368	1.07056e-05	2.79612e-08	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.140501	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm107	LC5_MC_075	0.0	0.00	OK	0.13	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.077	0.130	0.080	0.051	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-62.9015	1.0573	0.00344877	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.159419	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm107	LC5_MC_075	0.0	0.25	OK	0.12	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.078	0.118	0.080	0.038	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-62.9015	0.794539	0.00258661	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.159419	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm107	LC5_MC_075	0.0	0.50	OK	0.11	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.078	0.105	0.080	0.025	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	-62.9015	0.53081	0.0017244	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.159419	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm107	LC5_MC_075	0.0	0.75	OK	0.09	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.078	0.092	0.080	0.013	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-62.9015	0.265884	0.000862201	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.159419	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm107	LC5_MC_075	0.0	1.00	OK	0.08	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.079	0.080	0.080	0.000	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-62.9015	1.07231e-05	3.41492e-08	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.159419	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm108	LC2_MC_125	0.0	0.00	OK	0.14	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.079	0.136	0.079	0.057	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-62.7005	1.05735	0.031687	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.15891	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm108	LC2_MC_125	0.0	0.25	OK	0.12	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.079	0.122	0.079	0.042	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-62.7005	0.794574	0.0237655	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.15891	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm108	LC2_MC_125	0.0	0.50	OK	0.11	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.079	0.108	0.079	0.028	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-62.7005	0.530833	0.0158436	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.15891	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm108	LC2_MC_125	0.0	0.75	OK	0.09	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.080	0.094	0.079	0.014	0.000	0.000	0.000	0.000	8.44862



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-62.7005	0.265895	0.00792182	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.15891	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm108	LC2_MC_125	0.0	1.00	OK	0.08	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.080	0.079	0.079	0.000	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-62.7005	1.06743e-05	3.1798e-07	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.15891	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm108	LC5_MC_075	0.0	0.00	OK	0.13	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.079	0.126	0.070	0.057	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-55.1591	1.05628	0.03184	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.139797	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm108	LC5_MC_075	0.0	0.25	OK	0.11	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.079	0.112	0.070	0.042	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-55.1591	0.793776	0.0238802	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.139797	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm108	LC5_MC_075	0.0	0.50	OK	0.10	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.079	0.098	0.070	0.028	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-55.1591	0.530301	0.0159201	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.139797	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm108	LC5_MC_075	0.0	0.75	OK	0.08	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.079	0.084	0.070	0.014	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-55.1591	0.26563	0.00796007	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.139797	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm108	LC5_MC_075	0.0	1.00	OK	0.08	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.080	0.070	0.070	0.000	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-55.1591	1.06302e-05	3.16328e-07	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.139797	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm109	LC2_MC_125	0.0	0.00	OK	0.13	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.078	0.129	0.070	0.059	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-55.2906	1.05628	-0.0455032	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.14013	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm109	LC2_MC_125	0.0	0.25	OK	0.11	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.079	0.115	0.070	0.045	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-55.2906	0.793777	-0.0341277	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.14013	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm109	LC2_MC_125	0.0	0.50	OK	0.10	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.079	0.100	0.070	0.030	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-55.2906	0.530302	-0.0227518	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.14013	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm109	LC2_MC_125	0.0	0.75	OK	0.08	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.079	0.085	0.070	0.015	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-55.2906	0.26563	-0.0113759	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.14013	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm109	LC2_MC_125	0.0	1.00	OK	0.08	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.080	0.070	0.070	0.000	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-55.2906	1.05832e-05	-4.51002e-07	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	108.57	1	5.34	166.221	394.567	0.14013	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm109	LC5_MC_075	0.0	0.00	OK	0.14	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.078	0.139	0.080	0.060	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-62.7506	1.05735	-0.0457886	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.159037	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm109	LC5_MC_075	0.0	0.25	OK	0.12	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.079	0.124	0.080	0.045	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-62.7506	0.794573	-0.0343418	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.159037	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm109	LC5_MC_075	0.0	0.50	OK	0.11	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.079	0.109	0.080	0.030	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-62.7506	0.530833	-0.0228946	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.159037	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm109	LC5_MC_075	0.0	0.75	OK	0.09	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.079	0.094	0.080	0.015	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-62.7506	0.265895	-0.0114473	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.159037	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm109	LC5_MC_075	0.0	1.00	OK	0.08	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.080	0.080	0.080	0.000	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-62.7506	1.06852e-05	-4.56047e-07	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.159037	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm110	LC2_MC_125	0.0	0.00	OK	0.13	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.077	0.132	0.080	0.052	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-63.0421	1.05731	0.0110101	0	0	1	1	544361	46474.4



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.159776	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm110	LC2_MC_125	0.0	0.25	OK	0.12	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.077	0.119	0.080	0.039	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-63.0421	0.794548	0.00825764	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.159776	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm110	LC2_MC_125	0.0	0.50	OK	0.11	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.078	0.106	0.080	0.026	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-63.0421	0.530816	0.00550509	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.159776	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm110	LC2_MC_125	0.0	0.75	OK	0.09	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.078	0.093	0.080	0.013	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-63.0421	0.265887	0.00275254	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.159776	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm110	LC2_MC_125	0.0	1.00	OK	0.08	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.078	0.080	0.080	0.000	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-63.0421	1.05673e-05	1.09068e-07	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.159776	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm110	LC5_MC_075	0.0	0.00	OK	0.12	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.077	0.122	0.070	0.052	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-55.5073	1.05625	0.0104999	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.140679	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm110	LC5_MC_075	0.0	0.25	OK	0.11	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.077	0.109	0.070	0.039	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.25	275000



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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-55.5073	0.793751	0.00787502	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.140679	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm110	LC5_MC_075	0.0	0.50	OK	0.10	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.078	0.096	0.070	0.026	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-55.5073	0.530284	0.00525001	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.140679	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm110	LC5_MC_075	0.0	0.75	OK	0.08	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.078	0.083	0.070	0.013	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-55.5073	0.265621	0.00262501	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.140679	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm110	LC5_MC_075	0.0	1.00	OK	0.08	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.078	0.070	0.070	0.000	0.000	0.000	0.000	0.000	8.44862
	8.44862	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	0.141421	0.141421	0.141421	0.141421	1	0.141421	0.600004	0.600004
	-55.5073	1.05593e-05	1.04737e-07	0	0	1	1	544361	46474.4
	440.149	1	1	438.407	273912	438.759	274132	1	438.407
	273912	1.66289	0	0	0.814114	0	23.5829	2	5.24755
	108.57	1	5.34	166.221	394.567	0.140679	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm114	LC2_MC_125	0.0	0.00	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.014	0.033	0.000	0.032	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	1	1	1	1	1	1	1	1
	-0.269328	0.0959332	-0.197368	0	0	1.00002	1.00018	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.18052	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.000625652	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm114	LC2_MC_125	0.0	0.25	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.014	0.015	0.000	0.015	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	1	1	1	1	1	1	1	1
	-0.269328	0.228166	-0.0410053	0	0	1.00002	1.00018	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.18052	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.000625652	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm114	LC2_MC_125	0.0	0.48	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)



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Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.014	0.027	0.000	0.026	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.47999	275000
	2.1e+08	1	1	1	1	1	1	1	1
	-0.269328	0.289927	0.102848	0	0	1.00002	1.00018	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.18052	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.000625652	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm114	LC2_MC_125	0.0	0.48	OK	0.04	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.013	0.037	0.002	0.035	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.48001	275000
	2.1e+08	1	1	1	1	1	1	1	1
	-1.38307	0.286403	-0.163862	0	0	1.00011	1.00094	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.18052	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.00321288	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm114	LC2_MC_125	0.0	0.75	OK	0.01	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.013	0.011	0.002	0.010	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	1	1	1	1	1	1	1	1
	-1.38307	0.171706	0.0213117	0	0	1.00011	1.00094	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.18052	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.00321288	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm114	LC2_MC_125	0.0	1.00	OK	0.03	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.013	0.030	0.002	0.028	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	1	1	1	1	1	1	1	1
	-1.38307	-0.00508636	0.192769	0	0	1.00011	1.00094	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.18052	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.00321288	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm114	LC5_MC_075	0.0	0.00	OK	0.06	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.007	0.057	0.000	0.057	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	1	1	1	1	1	1	1	1
	0.347939	0.114092	0.36089	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.18011	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.000689125	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm114	LC5_MC_075	0.0	0.25	OK	0.02	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.007	0.023	0.000	0.023	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	1	1	1	1	1	1	1	1
	0.347939	0.235305	0.0940035	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.18011	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.000689125	25.542	6.87646	5.372e-08



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.44169e-09	0	0						
Bm114	LC5_MC_075	0.0	0.48	OK	0.03	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.007	0.034	0.000	0.033	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.47999	275000
	2.1e+08	1	1	1	1	1	1	1	1
	0.347939	0.286928	-0.151532	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.18011	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.000689125	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm114	LC5_MC_075	0.0	0.48	OK	0.05	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.010	0.050	0.002	0.048	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.48001	275000
	2.1e+08	1	1	1	1	1	1	1	1
	2.1087	0.292165	0.251636	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.18011	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00417647	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm114	LC5_MC_075	0.0	0.75	OK	0.02	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.010	0.019	0.002	0.017	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	1	1	1	1	1	1	1	1
	2.1087	0.163227	-0.0732138	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.18011	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00417647	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm114	LC5_MC_075	0.0	1.00	OK	0.06	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.010	0.058	0.002	0.055	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	1	1	1	1	1	1	1	1
	2.1087	-0.0267431	-0.374	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.18011	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00417647	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm115	LC2_MC_125	0.0	0.00	OK	0.04	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.022	0.040	0.000	0.040	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.202228
	-0.0598508	-0.0342242	0.266545	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.39156	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	483.204	0.000123862	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm115	LC2_MC_125	0.0	0.25	OK	0.02	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.022	0.020	0.000	0.020	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.202228
	-0.0598508	0.00683913	0.132902	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	263183	1.39156	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	483.204	0.000123862	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm115	LC2_MC_125	0.0	0.50	OK	0.02	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.022	0.001	0.000	0.001	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.202228
	-0.0598508	0.033844	-0.00074661	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.39156	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	483.204	0.000123862	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm115	LC2_MC_125	0.0	0.75	OK	0.02	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.022	0.021	0.000	0.021	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.202228
	-0.0598508	0.0432734	-0.134395	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.39156	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	483.204	0.000123862	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm115	LC2_MC_125	0.0	0.83	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.022	0.028	0.000	0.028	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.833333	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.202228
	-0.0598508	0.0440731	-0.178945	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.39156	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	483.204	0.000123862	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm115	LC2_MC_125	0.0	1.00	OK	0.04	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.022	0.041	0.000	0.040	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.202228
	-0.0598508	0.0386428	-0.268039	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.39156	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	483.204	0.000123862	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm115	LC5_MC_075	0.0	0.00	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.037	0.060	0.000	0.060	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.235103
	0.135603	-0.0342523	-0.403182	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.39739	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.000268575	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm115	LC5_MC_075	0.0	0.25	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.037	0.028	0.000	0.028	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.235103



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Report:
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Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.135603	0.00785741	-0.191899	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.39739	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.000268575	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm115	LC5_MC_075	0.0	0.50	OK	0.04	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.037	0.004	0.000	0.004	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.235103
	0.135603	0.0359087	0.0193927	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.39739	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.000268575	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm115	LC5_MC_075	0.0	0.75	OK	0.04	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.037	0.035	0.000	0.035	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.235103
	0.135603	0.0463844	0.230684	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.39739	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.000268575	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm115	LC5_MC_075	0.0	0.83	OK	0.05	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.037	0.046	0.000	0.046	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.833333	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.235103
	0.135603	0.0475329	0.301115	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.39739	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.000268575	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm115	LC5_MC_075	0.0	1.00	OK	0.07	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.037	0.066	0.000	0.066	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.235103
	0.135603	0.0428002	0.441968	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.39739	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.000268575	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm116	LC2_MC_125	0.0	0.00	OK	0.20	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.051	0.198	0.005	0.193	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	1	1	1	1	1	1	1	1
	4.54739	0.240731	-1.26495	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.14232	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00900652	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm116	LC2_MC_125	0.0	0.25	OK	0.06	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.051	0.057	0.005	0.053	0.000	0.000	0.000	0.000	53.5866



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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	53.5866	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	1	1	1	1	1	1	1	1
	4.54739	0.323707	-0.274658	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.14232	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00900652	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm116	LC2_MC_125	0.0	0.48	OK	0.11	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.051	0.110	0.005	0.106	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.47999	275000
	2.1e+08	1	1	1	1	1	1	1	1
	4.54739	0.340153	0.636408	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.14232	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00900652	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm116	LC2_MC_125	0.0	0.48	OK	0.20	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.063	0.196	0.012	0.184	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.48001	275000
	2.1e+08	1	1	1	1	1	1	1	1
	12.2358	0.352243	-1.16795	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.14232	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.024234	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm116	LC2_MC_125	0.0	0.75	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.063	0.064	0.012	0.052	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	1	1	1	1	1	1	1	1
	12.2358	0.197923	0.301676	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.14232	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.024234	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm116	LC2_MC_125	0.0	1.00	OK	0.25	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.063	0.254	0.012	0.242	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	1	1	1	1	1	1	1	1
	12.2358	-0.0155491	1.66244	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.14232	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.024234	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm116	LC5_MC_075	0.0	0.00	OK	0.17	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.037	0.166	0.004	0.162	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	1	1	1	1	1	1	1	1
	-3.86648	-0.00649756	1.10949	0	0	1.00031	1.00263	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.20416	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.00898187	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm116	LC5_MC_075	0.0	0.25	OK	0.04	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.037	0.042	0.004	0.038	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	1	1	1	1	1	1	1	1
	-3.86648	0.119436	0.2282	0	0	1.00031	1.00263	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.20416	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.00898187	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm116	LC5_MC_075	0.0	0.48	OK	0.10	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.037	0.096	0.004	0.092	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.47999	275000
	2.1e+08	1	1	1	1	1	1	1	1
	-3.86648	0.175384	-0.582582	0	0	1.00031	1.00263	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.20416	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.00898187	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm116	LC5_MC_075	0.0	0.48	OK	0.18	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.048	0.181	0.013	0.168	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.48001	275000
	2.1e+08	1	1	1	1	1	1	1	1
	-10.8796	0.182681	1.10646	0	0	1.00086	1.00744	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.20416	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.0252734	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm116	LC5_MC_075	0.0	0.75	OK	0.06	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.048	0.057	0.013	0.044	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	1	1	1	1	1	1	1	1
	-10.8796	0.116805	-0.273217	0	0	1.00086	1.00744	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.20416	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.0252734	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm116	LC5_MC_075	0.0	1.00	OK	0.24	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.048	0.239	0.013	0.226	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	1	1	1	1	1	1	1	1
	-10.8796	-0.0148369	-1.55069	0	0	1.00086	1.00744	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.20416	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.0252734	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm117	LC2_MC_125	0.0	0.00	OK	0.28	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.051	0.279	0.001	0.278	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.217288
	1.48193	0.0853639	1.88593	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.08853	0	0	0.907611	0	28.38	2	7.64051



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	161.7	1	5.34	198	504.9	0.00293509	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm117	LC2_MC_125	0.0	0.25	OK	0.15	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.051	0.145	0.001	0.144	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.217288
	1.48193	0.0960204	0.963361	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.08853	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00293509	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm117	LC2_MC_125	0.0	0.33	OK	0.10	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.051	0.101	0.001	0.099	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.333333	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.217288
	1.48193	0.0972294	0.655826	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.08853	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00293509	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm117	LC2_MC_125	0.0	0.50	OK	0.05	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.051	0.011	0.001	0.010	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.217288
	1.48193	0.0926172	0.0407562	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.08853	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00293509	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm117	LC2_MC_125	0.0	0.75	OK	0.13	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.051	0.133	0.001	0.131	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.217288
	1.48193	0.0716385	-0.881849	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.08853	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00293509	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm117	LC2_MC_125	0.0	1.00	OK	0.27	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.051	0.265	0.001	0.264	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.217288
	1.48193	0.0366012	-1.80442	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.08853	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00293509	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm117	LC5_MC_075	0.0	0.00	OK	0.25	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.045	0.247	0.002	0.245	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.201768
	-1.55632	0.00337088	-1.68685	0	0	1.00003	1	54766	6390.79



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.11115	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	483.204	0.00322083	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm117	LC5_MC_075	0.0	0.25	OK	0.13	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.045	0.126	0.002	0.124	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.201768
	-1.55632	0.0327607	-0.845304	0	0	1.00003	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.11115	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	483.204	0.00322083	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm117	LC5_MC_075	0.0	0.50	OK	0.05	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.045	0.004	0.002	0.002	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.201768
	-1.55632	0.0480913	-0.00372791	0	0	1.00003	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.11115	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	483.204	0.00322083	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm117	LC5_MC_075	0.0	0.67	OK	0.08	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.045	0.085	0.002	0.083	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.666667	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.201768
	-1.55632	0.0489378	0.557322	0	0	1.00003	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.11115	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	483.204	0.00322083	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm117	LC5_MC_075	0.0	0.75	OK	0.13	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.045	0.125	0.002	0.124	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.201768
	-1.55632	0.0458458	0.837848	0	0	1.00003	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.11115	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	483.204	0.00322083	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm117	LC5_MC_075	0.0	1.00	OK	0.25	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.045	0.247	0.002	0.245	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.201768
	-1.55632	0.0295405	1.67939	0	0	1.00003	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.11115	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	483.204	0.00322083	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm118	LC2_MC_125	0.0	0.00	OK	0.23	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.040	0.233	0.010	0.222	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	1e-05	275000



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	2	2	2	2	1	2	1	1
	-5.38235	-0.0477296	-1.51696	0	0	1.00171	1.01484	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	1.81476	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	266.797	0.020174	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm118	LC2_MC_125	0.0	0.24	OK	0.18	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.040	0.182	0.010	0.172	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	0.23999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-5.38235	0.237061	1.11847	0	0	1.00171	1.01484	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	1.81476	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	266.797	0.020174	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm118	LC2_MC_125	0.0	0.24	OK	0.16	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.025	0.160	0.022	0.138	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	0.24001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-11.8014	0.258513	-0.875967	0	0	1.00376	1.03312	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	1.81476	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	266.797	0.0442338	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm118	LC2_MC_125	0.0	0.50	OK	0.16	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.025	0.165	0.022	0.143	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	0.49999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-11.8014	-0.575533	0.825154	0	0	1.00376	1.03312	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	1.81476	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	266.797	0.0442338	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm118	LC2_MC_125	0.0	0.50	OK	0.16	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.032	0.159	0.032	0.127	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	0.50001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-16.9111	-0.575716	-0.721299	0	0	1.00539	1.04815	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	1.81476	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	266.797	0.0633855	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm118	LC2_MC_125	0.0	0.75	OK	0.08	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.032	0.084	0.032	0.052	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-16.9111	-0.760826	0.154595	0	0	1.00539	1.04815	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	1.81476	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	266.797	0.0633855	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm118	LC2_MC_125	0.0	1.00	OK	0.23	ufH1	Geom OK	AISC member	ver_profil_4.run(1)



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Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.032	0.229	0.032	0.198	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-16.9111	-1.22201	1.03049	0	0	1.00539	1.04815	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	1.81476	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	266.797	0.0633855	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm118	LC5_MC_075	0.0	0.00	OK	0.24	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.035	0.243	0.006	0.237	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	5.66496	0.275391	1.55761	0	0	1	1	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	1.10958	0	0	0.907611	4.89348	27.9508	2	7.64051
	161.7	1	5.34	198	504.9	0.01122	25.1557	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm118	LC5_MC_075	0.0	0.24	OK	0.18	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.035	0.183	0.006	0.178	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	0.23999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	5.66496	0.495553	-1.08528	0	0	1	1	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	1.10958	0	0	0.907611	4.89348	27.9508	2	7.64051
	161.7	1	5.34	198	504.9	0.01122	25.1557	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm118	LC5_MC_075	0.0	0.24	OK	0.17	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.025	0.175	0.012	0.162	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	0.24001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	12.6001	0.532702	0.968831	0	0	1	1	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	1.10958	0	0	0.907611	4.89348	27.9508	2	7.64051
	161.7	1	5.34	198	504.9	0.0249556	25.1557	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm118	LC5_MC_075	0.0	0.50	OK	0.17	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.025	0.171	0.012	0.159	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	0.49999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	12.6001	-0.587067	-0.9306	0	0	1	1	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	1.10958	0	0	0.907611	4.89348	27.9508	2	7.64051
	161.7	1	5.34	198	504.9	0.0249556	25.1557	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm118	LC5_MC_075	0.0	0.50	OK	0.13	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.020	0.127	0.018	0.109	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	0.50001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	17.8905	-0.586148	0.589193	0	0	1	1	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	1.10958	0	0	0.907611	4.89348	27.9508	2	7.64051
	161.7	1	5.34	198	504.9	0.0354337	25.1557	6.87646	5.372e-08



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.44169e-09	0	0						
Bm118	LC5_MC_075	0.0	0.75	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.020	0.059	0.018	0.041	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	17.8905	-0.459266	-0.159762	0	0	1	1	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	1.10958	0	0	0.907611	4.89348	27.9508	2	7.64051
	161.7	1	5.34	198	504.9	0.0354337	25.1557	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm118	LC5_MC_075	0.0	1.00	OK	0.17	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.020	0.174	0.018	0.156	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	17.8905	-0.60698	-0.908718	0	0	1	1	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	1.10958	0	0	0.907611	4.89348	27.9508	2	7.64051
	161.7	1	5.34	198	504.9	0.0354337	25.1557	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm119	LC2_MC_125	0.0	0.00	OK	0.27	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.056	0.270	0.007	0.263	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-3.96372	-0.0944764	1.78117	0	0	1.00126	1.01089	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	2.20231	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	266.797	0.0148567	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm119	LC2_MC_125	0.0	0.24	OK	0.25	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.056	0.255	0.007	0.247	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	0.23999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-3.96372	-0.375539	-1.6007	0	0	1.00126	1.01089	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	2.20231	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	266.797	0.0148567	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm119	LC2_MC_125	0.0	0.24	OK	0.08	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.046	0.077	0.012	0.066	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	0.24001	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-6.20762	-0.295317	0.372844	0	0	1.00197	1.01715	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	2.20231	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	266.797	0.0232672	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm119	LC2_MC_125	0.0	0.50	OK	0.05	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.046	0.025	0.012	0.013	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-6.20762	-0.032894	0.0813171	0	0	1.00197	1.01715	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	145314	2.20231	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	266.797	0.0232672	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm119	LC2_MC_125	0.0	0.62	OK	0.05	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.046	0.020	0.012	0.008	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	0.62	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-6.20762	-0.00957285	-0.0532388	0	0	1.00197	1.01715	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	2.20231	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	266.797	0.0232672	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm119	LC2_MC_125	0.0	0.75	OK	0.05	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.046	0.043	0.012	0.031	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-6.20762	-0.0586625	-0.199008	0	0	1.00197	1.01715	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	2.20231	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	266.797	0.0232672	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm119	LC2_MC_125	0.0	1.00	OK	0.10	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.046	0.095	0.012	0.084	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	-6.20762	-0.359523	-0.479321	0	0	1.00197	1.01715	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	2.20231	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	266.797	0.0232672	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm119	LC5_MC_075	0.0	0.00	OK	0.29	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.070	0.287	0.003	0.284	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	2	2	2	2	1	2	1	1
	3.26599	0.11116	-1.92451	0	0	1	1	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	1.6761	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00646859	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm119	LC5_MC_075	0.0	0.24	OK	0.26	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.070	0.259	0.003	0.256	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	0.23999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	3.26599	-0.311729	1.67703	0	0	1	1	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	1.6761	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00646859	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm119	LC5_MC_075	0.0	0.24	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.058	0.068	0.005	0.063	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	0.24001	275000
	2.1e+08	2	2	2	2	1	2	1	1



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	5.11944	-0.214116	-0.377101	0	0	1	1	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	1.6761	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.0101395	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm119	LC5_MC_075	0.0	0.50	OK	0.06	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.058	0.021	0.005	0.016	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	2	2	2	2	1	2	1	1
	5.11944	0.113119	-0.0813911	0	0	1	1	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	1.6761	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.0101395	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm119	LC5_MC_075	0.0	0.62	OK	0.06	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.058	0.020	0.005	0.015	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	0.62	275000
	2.1e+08	2	2	2	2	1	2	1	1
	5.11944	0.166547	0.0550955	0	0	1	1	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	1.6761	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.0101395	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm119	LC5_MC_075	0.0	0.75	OK	0.06	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.058	0.040	0.005	0.035	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	2	2	2	2	1	2	1	1
	5.11944	0.15022	0.202956	0	0	1	1	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	1.6761	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.0101395	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm119	LC5_MC_075	0.0	1.00	OK	0.08	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.058	0.079	0.005	0.074	0.000	0.000	0.000	0.000	107.173
	107.173	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	2	2	2	2	1	2	1	1
	5.11944	-0.0872324	0.487292	0	0	1	1	3154.52	368.109
	561	1	1	296.441	145314	446.392	218820	1	296.441
	145314	1.6761	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.0101395	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm120	LC2_MC_125	0.0	0.00	OK	0.05	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.032	0.048	0.001	0.047	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	1	1	1	1	1	1	1	1
	-1.14765	0.0759837	-0.299617	0	0	1.00009	1.00078	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.17457	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.002666	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm120	LC2_MC_125	0.0	0.25	OK	0.03	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.032	0.024	0.001	0.023	0.000	0.000	0.000	0.000	53.5866



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Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	53.5866	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	1	1	1	1	1	1	1	1
	-1.14765	0.191856	-0.103433	0	0	1.00009	1.00078	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.17457	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.002666	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm120	LC2_MC_125	0.0	0.48	OK	0.03	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.032	0.022	0.001	0.021	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.47999	275000
	2.1e+08	1	1	1	1	1	1	1	1
	-1.14765	0.23856	0.0770553	0	0	1.00009	1.00078	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.17457	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.002666	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm120	LC2_MC_125	0.0	0.48	OK	0.03	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.034	0.029	0.000	0.028	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.48001	275000
	2.1e+08	1	1	1	1	1	1	1	1
	-0.257569	0.25206	-0.127477	0	0	1.00002	1.00017	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.17457	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.000598335	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm120	LC2_MC_125	0.0	0.75	OK	0.03	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.034	0.013	0.000	0.013	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	1	1	1	1	1	1	1	1
	-0.257569	0.156185	0.0474719	0	0	1.00002	1.00017	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.17457	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.000598335	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm120	LC2_MC_125	0.0	1.00	OK	0.03	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.034	0.031	0.000	0.031	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	1	1	1	1	1	1	1	1
	-0.257569	-0.00317338	0.209461	0	0	1.00002	1.00017	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.17457	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	430.476	0.000598335	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm120	LC5_MC_075	0.0	0.00	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.018	0.030	0.001	0.029	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	1	1	1	1	1	1	1	1
	0.902059	0.129333	0.162819	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.14819	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00178661	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm120	LC5_MC_075	0.0	0.25	OK	0.02	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.018	0.018	0.001	0.017	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	1	1	1	1	1	1	1	1
	0.902059	0.23587	0.051284	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.14819	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00178661	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm120	LC5_MC_075	0.0	0.48	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.018	0.019	0.001	0.018	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.47999	275000
	2.1e+08	1	1	1	1	1	1	1	1
	0.902059	0.273992	-0.0513278	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.14819	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.00178661	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm120	LC5_MC_075	0.0	0.48	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.021	0.026	0.000	0.026	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.48001	275000
	2.1e+08	1	1	1	1	1	1	1	1
	0.33035	0.276679	0.101045	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.14819	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.000654288	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm120	LC5_MC_075	0.0	0.75	OK	0.02	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.021	0.012	0.000	0.011	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	1	1	1	1	1	1	1	1
	0.33035	0.168699	-0.031882	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.14819	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.000654288	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm120	LC5_MC_075	0.0	1.00	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.021	0.023	0.000	0.023	0.000	0.000	0.000	0.000	53.5866
	53.5866	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	1	1	1	1	1	1	1	1
	0.33035	-0.00186672	-0.154962	0	0	1	1	12618.1	1472.44
	561	1	1	478.307	234464	494.959	242627	1	478.307
	234464	1.14819	0	0	0.907611	4.89348	28.38	2	7.64051
	161.7	1	5.34	198	504.9	0.000654288	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm121	LC2_MC_125	0.0	0.00	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.034	0.000	0.034	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.232876
	-0.136284	0.0410965	0.222769	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.06538	0	0	0.907611	0	28.38	2	7.64051



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Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	161.7	1	5.34	198	483.204	0.000282042	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm121	LC2_MC_125	0.0	0.25	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.019	0.000	0.019	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.232876
	-0.136284	0.0619447	0.115964	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.06538	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	483.204	0.000282042	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm121	LC2_MC_125	0.0	0.50	OK	0.01	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.004	0.000	0.004	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.232876
	-0.136284	0.0687337	0.00915464	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.06538	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	483.204	0.000282042	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm121	LC2_MC_125	0.0	0.75	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.017	0.000	0.016	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.232876
	-0.136284	0.057947	-0.0976549	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.06538	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	483.204	0.000282042	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm121	LC2_MC_125	0.0	1.00	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.031	0.000	0.031	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.232876
	-0.136284	0.0331013	-0.20446	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.06538	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	483.204	0.000282042	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm121	LC5_MC_075	0.0	0.00	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.011	0.020	0.000	0.020	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.279652
	-0.0461821	0.0447912	-0.122036	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.06353	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	483.204	9.55747e-05	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm121	LC5_MC_075	0.0	0.25	OK	0.01	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.011	0.010	0.000	0.010	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.279652
	-0.0461821	0.064734	-0.0534335	0	0	1	1	54766	6390.79



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Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.06353	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	483.204	9.55747e-05	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm121	LC5_MC_075	0.0	0.50	OK	0.01	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.011	0.005	0.000	0.005	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.279652
	-0.0461821	0.0706176	0.0151717	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.06353	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	483.204	9.55747e-05	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm121	LC5_MC_075	0.0	0.75	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.011	0.015	0.000	0.014	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.279652
	-0.0461821	0.0589256	0.0837768	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.06353	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	483.204	9.55747e-05	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm121	LC5_MC_075	0.0	1.00	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.011	0.024	0.000	0.023	0.000	0.000	0.000	0.000	25.7216
	25.7216	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	0.48	0.48	0.48	0.48	1	0.48	1	0.279652
	-0.0461821	0.0331745	0.152379	0	0	1	1	54766	6390.79
	561	1	1	540.762	265079	536.894	263183	1	536.894
	263183	1.06353	0	0	0.907611	0	28.38	2	7.64051
	161.7	1	5.34	198	483.204	9.55747e-05	25.542	6.87646	5.372e-08
	2.44169e-09	0	0						
Bm135	LC2_MC_125	0.0	0.00	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.045	0.060	0.006	0.054	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.31608	-2.35742	-0.0139488	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83614	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.011983	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm135	LC2_MC_125	0.0	0.25	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.040	0.012	0.012	0.000	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.31608	0.190488	0.00180862	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83614	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.011983	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm135	LC2_MC_125	0.0	0.37	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.040	0.027	0.006	0.021	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.37499	275000



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	4	4	4	4	1	4	1	1
	8.31608	0.898271	0.00968699	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83614	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.011983	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm135	LC2_MC_125	0.0	0.38	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.026	0.027	0.006	0.021	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.37501	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.31187	0.898149	0.00580153	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83614	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119769	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm135	LC2_MC_125	0.0	0.50	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.026	0.030	0.006	0.024	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.31187	1.06123	0.00665982	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83614	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119769	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm135	LC2_MC_125	0.0	0.62	OK	0.03	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.026	0.026	0.006	0.020	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.62499	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.31187	0.846901	0.00751811	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83614	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119769	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm135	LC2_MC_125	0.0	0.63	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.039	0.026	0.006	0.020	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.62501	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.3184	0.847127	0.0132127	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83614	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119863	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm135	LC2_MC_125	0.0	0.75	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.039	0.012	0.012	0.000	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.3184	0.0659346	0.00284288	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83614	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119863	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm135	LC2_MC_125	0.0	1.00	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.045	0.067	0.006	0.061	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.3184	-2.6288	-0.0178977	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83614	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119863	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm135	LC5_MC_075	0.0	0.00	OK	0.07	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.045	0.066	0.006	0.060	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.3182	-2.61703	-0.017724	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83075	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.011986	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm135	LC5_MC_075	0.0	0.25	OK	0.04	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.040	0.012	0.012	0.000	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.3182	0.0713229	0.00279789	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83075	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.011986	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm135	LC5_MC_075	0.0	0.37	OK	0.04	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.040	0.026	0.006	0.020	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.37499	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.3182	0.849323	0.0130584	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83075	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.011986	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm135	LC5_MC_075	0.0	0.38	OK	0.03	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.027	0.026	0.006	0.020	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.37501	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.31177	0.849101	0.00744293	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83075	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119768	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm135	LC5_MC_075	0.0	0.50	OK	0.03	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.027	0.030	0.006	0.024	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.31177	1.06119	0.00665965	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83075	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119768	44.5644	10.5335	8.90787e-08



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Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	7.53952e-09	0	0						
Bm135	LC5_MC_075	0.0	0.62	OK	0.03	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.027	0.027	0.006	0.021	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.62499	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.31177	0.895871	0.00587636	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83075	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119768	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm135	LC5_MC_075	0.0	0.63	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.039	0.027	0.006	0.021	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.62501	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.31608	0.895997	0.00984077	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83075	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.011983	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm135	LC5_MC_075	0.0	0.75	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.039	0.012	0.012	0.000	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.31608	0.184991	0.00185401	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83075	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.011983	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm135	LC5_MC_075	0.0	1.00	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.044	0.060	0.006	0.055	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.31608	-2.36937	-0.0141201	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83075	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.011983	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm136	LC2_MC_125	0.0	0.00	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.045	0.067	0.006	0.061	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30979	-2.63611	-0.0177966	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84978	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119739	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm136	LC2_MC_125	0.0	0.25	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.040	0.012	0.012	0.000	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30979	0.0612447	0.00286058	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	52779.8	2.84978	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119739	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm136	LC2_MC_125	0.0	0.37	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.040	0.026	0.006	0.020	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.37499	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30979	0.843747	0.0131887	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84978	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119739	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm136	LC2_MC_125	0.0	0.38	OK	0.03	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.027	0.026	0.006	0.020	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.37501	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30328	0.843523	0.00750287	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84978	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119646	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm136	LC2_MC_125	0.0	0.50	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.027	0.030	0.006	0.024	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30328	1.05785	0.00664458	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84978	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119646	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm136	LC2_MC_125	0.0	0.62	OK	0.03	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.027	0.027	0.006	0.021	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.62499	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30328	0.894771	0.00578629	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84978	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119646	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm136	LC2_MC_125	0.0	0.63	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.039	0.027	0.006	0.021	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.62501	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30748	0.894891	0.00966299	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84978	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119706	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm136	LC2_MC_125	0.0	0.75	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.039	0.012	0.012	0.000	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	4	4	4	4	1	4	1	1



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	8.30748	0.185798	0.00182632	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84978	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119706	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm136	LC2_MC_125	0.0	1.00	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.044	0.060	0.006	0.054	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30748	-2.36474	-0.0138477	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84978	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119706	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm136	LC5_MC_075	0.0	0.00	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.045	0.061	0.006	0.055	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30768	-2.37651	-0.0140214	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84409	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119709	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm136	LC5_MC_075	0.0	0.25	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.040	0.012	0.012	0.000	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30768	0.18041	0.00187131	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84409	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119709	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm136	LC5_MC_075	0.0	0.37	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.040	0.027	0.006	0.021	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.37499	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30768	0.892696	0.00981732	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84409	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119709	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm136	LC5_MC_075	0.0	0.38	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.026	0.027	0.006	0.021	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.37501	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30338	0.892571	0.00586147	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84409	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119647	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm136	LC5_MC_075	0.0	0.50	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.026	0.030	0.006	0.024	0.000	0.000	0.000	0.000	185.577



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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	185.577	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30338	1.05789	0.00664475	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84409	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119647	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm136	LC5_MC_075	0.0	0.62	OK	0.03	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.026	0.026	0.006	0.020	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.62499	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30338	0.845801	0.00742804	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84409	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119647	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm136	LC5_MC_075	0.0	0.63	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.039	0.026	0.006	0.020	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.62501	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30979	0.846021	0.013035	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84409	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119739	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm136	LC5_MC_075	0.0	0.75	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.039	0.012	0.012	0.000	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30979	0.0667411	0.00281518	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84409	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119739	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm136	LC5_MC_075	0.0	1.00	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.045	0.067	0.006	0.061	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30979	-2.62417	-0.0176252	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84409	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119739	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm137	LC2_MC_125	0.0	0.00	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.045	0.060	0.006	0.054	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.31608	-2.35742	-0.0139488	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83614	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.011983	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm137	LC2_MC_125	0.0	0.25	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.040	0.012	0.012	0.000	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.31608	0.190488	0.00180862	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83614	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.011983	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm137	LC2_MC_125	0.0	0.37	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.040	0.027	0.006	0.021	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.37499	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.31608	0.898271	0.00968699	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83614	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.011983	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm137	LC2_MC_125	0.0	0.38	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.026	0.027	0.006	0.021	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.37501	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.31187	0.898149	0.00580153	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83614	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119769	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm137	LC2_MC_125	0.0	0.50	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.026	0.030	0.006	0.024	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.31187	1.06123	0.00665982	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83614	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119769	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm137	LC2_MC_125	0.0	0.62	OK	0.03	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.026	0.026	0.006	0.020	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.62499	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.31187	0.846901	0.00751811	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83614	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119769	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm137	LC2_MC_125	0.0	0.63	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.039	0.026	0.006	0.020	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.62501	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.3184	0.847127	0.0132127	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83614	0	0	1.04831	4.98593	49.5159	2	11.7039



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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	237.6	1	5.34	254.1	693.99	0.0119863	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm137	LC2_MC_125	0.0	0.75	OK	0.04	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.039	0.012	0.012	0.000	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.3184	0.0659346	0.00284288	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83614	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119863	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm137	LC2_MC_125	0.0	1.00	OK	0.07	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.045	0.067	0.006	0.061	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.3184	-2.6288	-0.0178977	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83614	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119863	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm137	LC5_MC_075	0.0	0.00	OK	0.07	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.045	0.066	0.006	0.060	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.3182	-2.61703	-0.017724	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83075	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.011986	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm137	LC5_MC_075	0.0	0.25	OK	0.04	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.040	0.012	0.012	0.000	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.3182	0.0713229	0.00279789	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83075	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.011986	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm137	LC5_MC_075	0.0	0.37	OK	0.04	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.040	0.026	0.006	0.020	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.37499	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.3182	0.849323	0.0130584	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83075	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.011986	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm137	LC5_MC_075	0.0	0.38	OK	0.03	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.027	0.026	0.006	0.020	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.37501	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.31177	0.849101	0.00744293	0	0	1	1	1767.04	168.751



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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83075	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119768	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm137	LC5_MC_075	0.0	0.50	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.027	0.030	0.006	0.024	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.31177	1.06119	0.00665965	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83075	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119768	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm137	LC5_MC_075	0.0	0.62	OK	0.03	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.027	0.027	0.006	0.021	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.62499	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.31177	0.895871	0.00587636	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83075	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119768	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm137	LC5_MC_075	0.0	0.63	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.039	0.027	0.006	0.021	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.62501	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.31608	0.895997	0.00984077	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83075	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.011983	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm137	LC5_MC_075	0.0	0.75	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.039	0.012	0.012	0.000	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.31608	0.184991	0.00185401	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83075	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.011983	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm137	LC5_MC_075	0.0	1.00	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.044	0.060	0.006	0.055	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.31608	-2.36937	-0.0141201	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.83075	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.011983	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm138	LC2_MC_125	0.0	0.00	OK	0.07	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.045	0.067	0.006	0.061	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	1e-05	275000



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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	4	4	4	4	1	4	1	1
	8.30979	-2.63611	-0.0177966	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84978	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119739	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm138	LC2_MC_125	0.0	0.25	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.040	0.012	0.012	0.000	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30979	0.0612447	0.00286058	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84978	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119739	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm138	LC2_MC_125	0.0	0.37	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.040	0.026	0.006	0.020	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.37499	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30979	0.843747	0.0131887	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84978	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119739	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm138	LC2_MC_125	0.0	0.38	OK	0.03	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.027	0.026	0.006	0.020	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.37501	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30328	0.843523	0.00750287	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84978	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119646	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm138	LC2_MC_125	0.0	0.50	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.027	0.030	0.006	0.024	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30328	1.05785	0.00664458	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84978	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119646	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm138	LC2_MC_125	0.0	0.62	OK	0.03	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.027	0.027	0.006	0.021	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.62499	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30328	0.894771	0.00578629	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84978	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119646	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm138	LC2_MC_125	0.0	0.63	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)



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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.039	0.027	0.006	0.021	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.62501	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30748	0.894891	0.00966299	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84978	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119706	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm138	LC2_MC_125	0.0	0.75	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.039	0.012	0.012	0.000	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30748	0.185798	0.00182632	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84978	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119706	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm138	LC2_MC_125	0.0	1.00	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.044	0.060	0.006	0.054	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30748	-2.36474	-0.0138477	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84978	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119706	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm138	LC5_MC_075	0.0	0.00	OK	0.06	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.045	0.061	0.006	0.055	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	1e-05	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30768	-2.37651	-0.0140214	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84409	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119709	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm138	LC5_MC_075	0.0	0.25	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.040	0.012	0.012	0.000	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.25	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30768	0.18041	0.00187131	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84409	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119709	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm138	LC5_MC_075	0.0	0.37	OK	0.04	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.040	0.027	0.006	0.021	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.37499	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30768	0.892696	0.00981732	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84409	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119709	44.5644	10.5335	8.90787e-08



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Report:
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Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	7.53952e-09	0	0						
Bm138	LC5_MC_075	0.0	0.38	OK	0.03	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.026	0.027	0.006	0.021	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.37501	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30338	0.892571	0.00586147	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84409	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119647	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm138	LC5_MC_075	0.0	0.50	OK	0.03	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.026	0.030	0.006	0.024	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.5	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30338	1.05789	0.00664475	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84409	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119647	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm138	LC5_MC_075	0.0	0.62	OK	0.03	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.026	0.026	0.006	0.020	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.62499	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30338	0.845801	0.00742804	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84409	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119647	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm138	LC5_MC_075	0.0	0.63	OK	0.04	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.039	0.026	0.006	0.020	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.62501	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30979	0.846021	0.013035	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84409	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119739	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm138	LC5_MC_075	0.0	0.75	OK	0.04	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.039	0.012	0.012	0.000	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.75	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30979	0.0667411	0.00281518	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995
	52779.8	2.84409	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119739	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm138	LC5_MC_075	0.0	1.00	OK	0.07	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.045	0.067	0.006	0.061	0.000	0.000	0.000	0.000	185.577
	185.577	0	0.5	0	0	0	0	0.99999	275000
	2.1e+08	4	4	4	4	1	4	1	1
	8.30979	-2.62417	-0.0176252	0	0	1	1	1767.04	168.751
	771.1	1	1	147.995	52779.8	540.63	192807	1	147.995



GeniE V7.9-04

Report:
052400BZCZ00001_PRDEReport:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: MediumDate:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	52779.8	2.84409	0	0	1.04831	4.98593	49.5159	2	11.7039
	237.6	1	5.34	254.1	693.99	0.0119739	44.5644	10.5335	8.90787e-08
	7.53952e-09	0	0						
Bm139	LC2_MC_125	0.0	0.00	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.004	0.006	0.000	0.006	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.312464
	0.0224581	-0.0955741	-0.00569529	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.84309	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.66932e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm139	LC2_MC_125	0.0	0.25	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.001	0.002	0.000	0.002	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.312464
	0.0224581	-0.0208489	-0.00324801	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.84309	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.66932e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm139	LC2_MC_125	0.0	0.33	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.333333	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.312464
	0.0224581	-0.0138936	-0.00243222	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.84309	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.66932e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm139	LC2_MC_125	0.0	0.50	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.003	0.003	0.000	0.003	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.312464
	0.0224581	-0.0538477	-0.000800641	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.84309	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.66932e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm139	LC2_MC_125	0.0	0.75	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.011	0.000	0.011	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.312464
	0.0224581	-0.221509	0.00164673	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.84309	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.66932e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm139	LC2_MC_125	0.0	1.00	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.024	0.000	0.024	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.312464



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.0224581	-0.496885	0.00409401	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.84309	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.66932e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm139	LC5_MC_075	0.0	0.00	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.004	0.005	0.000	0.005	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.347482
	0.0144081	-0.0929132	-0.00396505	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.65308	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.63718e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm139	LC5_MC_075	0.0	0.25	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.000	0.002	0.000	0.002	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.347482
	0.0144081	-0.0340715	-0.00234804	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.65308	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.63718e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm139	LC5_MC_075	0.0	0.33	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.001	0.002	0.000	0.002	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.333333	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.347482
	0.0144081	-0.0324109	-0.00180901	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.65308	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.63718e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm139	LC5_MC_075	0.0	0.50	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.003	0.004	0.000	0.004	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.347482
	0.0144081	-0.0829544	-0.000730964	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.65308	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.63718e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm139	LC5_MC_075	0.0	0.75	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.013	0.000	0.013	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.347482
	0.0144081	-0.266499	0.00088611	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.65308	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.63718e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm139	LC5_MC_075	0.0	1.00	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.027	0.000	0.027	0.000	0.000	0.000	0.000	89.6111



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.347482
	0.0144081	-0.55776	0.00250312	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.65308	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.63718e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm140	LC2_MC_125	0.0	0.00	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.004	0.005	0.000	0.005	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.349827
	0.0140413	-0.0927903	0.0038861	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.6458	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.54459e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm140	LC2_MC_125	0.0	0.25	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.000	0.002	0.000	0.002	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.349827
	0.0140413	-0.0346863	0.00230698	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.6458	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.54459e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm140	LC2_MC_125	0.0	0.33	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.001	0.002	0.000	0.002	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.333333	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.349827
	0.0140413	-0.0332715	0.00178059	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.6458	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.54459e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm140	LC2_MC_125	0.0	0.50	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.003	0.004	0.000	0.004	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.349827
	0.0140413	-0.0843068	0.000727802	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.6458	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.54459e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm140	LC2_MC_125	0.0	0.75	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.013	0.000	0.013	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.349827
	0.0140413	-0.268589	-0.000851378	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.6458	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.54459e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						



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Report:
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Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm140	LC2_MC_125	0.0	1.00	OK	0.03	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.010	0.027	0.000	0.027	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.349827
	0.0140413	-0.560587	-0.00243049	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.6458	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.54459e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm140	LC5_MC_075	0.0	0.00	OK	0.01	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.004	0.006	0.000	0.006	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.313592
	0.0220894	-0.0954537	0.00561614	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.8329	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.57624e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm140	LC5_MC_075	0.0	0.25	OK	0.00	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.001	0.002	0.000	0.002	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.313592
	0.0220894	-0.0214434	0.00320684	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.8329	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.57624e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm140	LC5_MC_075	0.0	0.33	OK	0.00	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.333333	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.313592
	0.0220894	-0.0147263	0.0024037	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.8329	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.57624e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm140	LC5_MC_075	0.0	0.50	OK	0.00	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.003	0.003	0.000	0.003	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.313592
	0.0220894	-0.0551571	0.000797437	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.8329	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.57624e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm140	LC5_MC_075	0.0	0.75	OK	0.01	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.007	0.011	0.000	0.011	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.313592
	0.0220894	-0.223533	-0.00161196	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.8329	0	0	0.814114	3.0515	23.5829	2	5.24755



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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	108.57	1	5.34	166.221	396.134	5.57624e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm140	LC5_MC_075	0.0	1.00	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.024	0.000	0.024	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.313592
	0.0220894	-0.499624	-0.00402126	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.8329	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.57624e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm141	LC2_MC_125	0.0	0.00	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.004	0.005	0.000	0.005	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.349804
	0.0139579	-0.0928963	-0.00387734	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.65599	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.52353e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm141	LC2_MC_125	0.0	0.25	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.000	0.002	0.000	0.002	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.349804
	0.0139579	-0.0338092	-0.00230173	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.65599	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.52353e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm141	LC2_MC_125	0.0	0.33	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.001	0.002	0.000	0.002	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.333333	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.349804
	0.0139579	-0.0320667	-0.0017765	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.65599	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.52353e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm141	LC2_MC_125	0.0	0.50	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.003	0.004	0.000	0.004	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.349804
	0.0139579	-0.0824467	-0.000726052	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.65599	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.52353e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm141	LC2_MC_125	0.0	0.75	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.013	0.000	0.013	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.349804
	0.0139579	-0.265746	0.000849621	0	0	1	1	4838.77	413.106



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Report:
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Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.65599	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.52353e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm141	LC2_MC_125	0.0	1.00	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.027	0.000	0.027	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.349804
	0.0139579	-0.556761	0.00242523	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.65599	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.52353e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm141	LC5_MC_075	0.0	0.00	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.004	0.006	0.000	0.006	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.313522
	0.0220079	-0.0955572	-0.00560758	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.84725	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.55567e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm141	LC5_MC_075	0.0	0.25	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.001	0.002	0.000	0.002	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.313522
	0.0220079	-0.0205866	-0.0032017	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.84725	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.55567e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm141	LC5_MC_075	0.0	0.33	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.333333	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.313522
	0.0220079	-0.0135494	-0.00239971	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.84725	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.55567e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm141	LC5_MC_075	0.0	0.50	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.003	0.003	0.000	0.003	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.313522
	0.0220079	-0.0533399	-0.000795729	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.84725	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.55567e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm141	LC5_MC_075	0.0	0.75	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.011	0.000	0.011	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000



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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.313522
	0.0220079	-0.220755	0.00161024	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.84725	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.55567e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm141	LC5_MC_075	0.0	1.00	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.024	0.000	0.024	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.313522
	0.0220079	-0.495887	0.00401612	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.84725	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.55567e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm142	LC2_MC_125	0.0	0.00	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.004	0.006	0.000	0.006	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.312391
	0.0223747	-0.0956801	0.00568653	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.85805	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.64826e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm142	LC2_MC_125	0.0	0.25	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.001	0.002	0.000	0.002	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.312391
	0.0223747	-0.0199719	0.00324276	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.85805	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.64826e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm142	LC2_MC_125	0.0	0.33	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.333333	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.312391
	0.0223747	-0.0126888	0.00242814	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.85805	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.64826e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm142	LC2_MC_125	0.0	0.50	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.003	0.003	0.000	0.003	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.312391
	0.0223747	-0.0519876	0.000798891	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.85805	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.64826e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm142	LC2_MC_125	0.0	0.75	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.006	0.011	0.000	0.011	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.312391
	0.0223747	-0.218665	-0.00164498	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.85805	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.64826e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm142	LC2_MC_125	0.0	1.00	OK	0.02	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.010	0.024	0.000	0.024	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.312391
	0.0223747	-0.493059	-0.00408875	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.85805	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.64826e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm142	LC5_MC_075	0.0	0.00	OK	0.01	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.004	0.005	0.000	0.005	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.347455
	0.0143266	-0.0930167	0.00395649	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.66319	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.61661e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm142	LC5_MC_075	0.0	0.25	OK	0.00	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.000	0.002	0.000	0.002	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.347455
	0.0143266	-0.0332147	0.0023429	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.66319	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.61661e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm142	LC5_MC_075	0.0	0.33	OK	0.00	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.001	0.002	0.000	0.002	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.333333	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.347455
	0.0143266	-0.031234	0.00180502	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.66319	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.61661e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm142	LC5_MC_075	0.0	0.50	OK	0.00	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.003	0.004	0.000	0.004	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.347455
	0.0143266	-0.0811373	0.000729255	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.66319	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.61661e-05	21.2246	4.72279	2.03549e-08



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	1.98619e-09	0	0						
Bm142	LC5_MC_075	0.0	0.75	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.013	0.000	0.013	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.347455
	0.0143266	-0.263722	-0.000884394	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.66319	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.61661e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm142	LC5_MC_075	0.0	1.00	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.027	0.000	0.027	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.347455
	0.0143266	-0.554022	-0.00249798	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.66319	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.61661e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm143	LC2_MC_125	0.0	0.00	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.004	0.006	0.000	0.006	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.312464
	0.0224581	-0.0955741	-0.00569529	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.84309	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.66932e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm143	LC2_MC_125	0.0	0.25	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.001	0.002	0.000	0.002	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.312464
	0.0224581	-0.0208489	-0.00324801	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.84309	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.66932e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm143	LC2_MC_125	0.0	0.33	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.333333	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.312464
	0.0224581	-0.0138936	-0.00243222	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.84309	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.66932e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm143	LC2_MC_125	0.0	0.50	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.003	0.003	0.000	0.003	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.312464
	0.0224581	-0.0538477	-0.000800641	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79



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Report: 052400BZCZ00001_PRDE

Report: Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date: 05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	176059	2.84309	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.66932e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm143	LC2_MC_125	0.0	0.75	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.011	0.000	0.011	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.312464
	0.0224581	-0.221509	0.00164673	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.84309	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.66932e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm143	LC2_MC_125	0.0	1.00	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.024	0.000	0.024	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.312464
	0.0224581	-0.496885	0.00409401	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.84309	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.66932e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm143	LC5_MC_075	0.0	0.00	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.004	0.005	0.000	0.005	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.347482
	0.0144081	-0.0929132	-0.00396505	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.65308	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.63718e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm143	LC5_MC_075	0.0	0.25	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.000	0.002	0.000	0.002	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.347482
	0.0144081	-0.0340715	-0.00234804	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.65308	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.63718e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm143	LC5_MC_075	0.0	0.33	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.001	0.002	0.000	0.002	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.333333	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.347482
	0.0144081	-0.0324109	-0.00180901	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.65308	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.63718e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm143	LC5_MC_075	0.0	0.50	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.003	0.004	0.000	0.004	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.347482



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Report: 052400BZCZ00001_PRDE

Report: Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date: 05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.0144081	-0.0829544	-0.000730964	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.65308	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.63718e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm143	LC5_MC_075	0.0	0.75	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.013	0.000	0.013	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.347482
	0.0144081	-0.266499	0.00088611	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.65308	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.63718e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm143	LC5_MC_075	0.0	1.00	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.027	0.000	0.027	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.347482
	0.0144081	-0.55776	0.00250312	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.65308	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.63718e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm144	LC2_MC_125	0.0	0.00	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.004	0.005	0.000	0.005	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.349827
	0.0140413	-0.0927903	0.0038861	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.6458	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.54459e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm144	LC2_MC_125	0.0	0.25	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.000	0.002	0.000	0.002	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.349827
	0.0140413	-0.0346863	0.00230698	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.6458	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.54459e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm144	LC2_MC_125	0.0	0.33	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.001	0.002	0.000	0.002	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.333333	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.349827
	0.0140413	-0.0332715	0.00178059	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.6458	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.54459e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm144	LC2_MC_125	0.0	0.50	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.003	0.004	0.000	0.004	0.000	0.000	0.000	0.000	89.6111



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run	
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens	
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy	
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz	
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez	
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE	
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz	
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J	
	Cw	frnw	frvw							
	89.6111	0	0.498783	OK	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1.5	1	1.5	1	0.349827
	0.0140413	-0.0843068	0.000727802	0	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	1	281.79
	176059	2.6458	0	0	0.814114	3.0515	23.5829	2	2	5.24755
	108.57	1	5.34	166.221	396.134	3.54459e-05	21.2246	4.72279	4.72279	2.03549e-08
	1.98619e-09	0	0							
Bm144	LC2_MC_125	0.0	0.75	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)	
	0.007	0.013	0.000	0.013	0.000	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	OK	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1.5	1	1.5	1	0.349827
	0.0140413	-0.268589	-0.000851378	0	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	1	281.79
	176059	2.6458	0	0	0.814114	3.0515	23.5829	2	2	5.24755
	108.57	1	5.34	166.221	396.134	3.54459e-05	21.2246	4.72279	4.72279	2.03549e-08
	1.98619e-09	0	0							
Bm144	LC2_MC_125	0.0	1.00	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)	
	0.010	0.027	0.000	0.027	0.000	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	OK	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1.5	1	1.5	1	0.349827
	0.0140413	-0.560587	-0.00243049	0	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	1	281.79
	176059	2.6458	0	0	0.814114	3.0515	23.5829	2	2	5.24755
	108.57	1	5.34	166.221	396.134	3.54459e-05	21.2246	4.72279	4.72279	2.03549e-08
	1.98619e-09	0	0							
Bm144	LC5_MC_075	0.0	0.00	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)	
	0.004	0.006	0.000	0.006	0.000	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	OK	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1.5	1	1.5	1	0.313592
	0.0220894	-0.0954537	0.00561614	0	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	1	281.79
	176059	2.8329	0	0	0.814114	3.0515	23.5829	2	2	5.24755
	108.57	1	5.34	166.221	396.134	5.57624e-05	21.2246	4.72279	4.72279	2.03549e-08
	1.98619e-09	0	0							
Bm144	LC5_MC_075	0.0	0.25	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)	
	0.001	0.002	0.000	0.002	0.000	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	OK	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1.5	1	1.5	1	0.313592
	0.0220894	-0.0214434	0.00320684	0	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	1	281.79
	176059	2.8329	0	0	0.814114	3.0515	23.5829	2	2	5.24755
	108.57	1	5.34	166.221	396.134	5.57624e-05	21.2246	4.72279	4.72279	2.03549e-08
	1.98619e-09	0	0							
Bm144	LC5_MC_075	0.0	0.33	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)	
	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	OK	0.103273	1.17757	0	0	0.333333	275000
	2.1e+08	1.5	1.5	1.5	1.5	1.5	1	1.5	1	0.313592
	0.0220894	-0.0147263	0.0024037	0	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	1	281.79
	176059	2.8329	0	0	0.814114	3.0515	23.5829	2	2	5.24755
	108.57	1	5.34	166.221	396.134	5.57624e-05	21.2246	4.72279	4.72279	2.03549e-08
	1.98619e-09	0	0							



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm144	LC5_MC_075	0.0	0.50	OK	0.00	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.003	0.003	0.000	0.003	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.313592
	0.0220894	-0.0551571	0.000797437	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.8329	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.57624e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm144	LC5_MC_075	0.0	0.75	OK	0.01	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.007	0.011	0.000	0.011	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.313592
	0.0220894	-0.223533	-0.00161196	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.8329	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.57624e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm144	LC5_MC_075	0.0	1.00	OK	0.02	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.010	0.024	0.000	0.024	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.313592
	0.0220894	-0.499624	-0.00402126	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.8329	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.57624e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm145	LC2_MC_125	0.0	0.00	OK	0.01	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.004	0.005	0.000	0.005	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.349804
	0.0139579	-0.0928963	-0.00387734	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.65599	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.52353e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm145	LC2_MC_125	0.0	0.25	OK	0.00	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.000	0.002	0.000	0.002	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.349804
	0.0139579	-0.0338092	-0.00230173	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.65599	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.52353e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm145	LC2_MC_125	0.0	0.33	OK	0.00	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.001	0.002	0.000	0.002	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.333333	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.349804
	0.0139579	-0.0320667	-0.0017765	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.65599	0	0	0.814114	3.0515	23.5829	2	5.24755



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	108.57	1	5.34	166.221	396.134	3.52353e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm145	LC2_MC_125	0.0	0.50	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.003	0.004	0.000	0.004	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.349804
	0.0139579	-0.0824467	-0.000726052	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.65599	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.52353e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm145	LC2_MC_125	0.0	0.75	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.013	0.000	0.013	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.349804
	0.0139579	-0.265746	0.000849621	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.65599	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.52353e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm145	LC2_MC_125	0.0	1.00	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.027	0.000	0.027	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.349804
	0.0139579	-0.556761	0.00242523	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.65599	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.52353e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm145	LC5_MC_075	0.0	0.00	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.004	0.006	0.000	0.006	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.313522
	0.0220079	-0.0955572	-0.00560758	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.84725	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.55567e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm145	LC5_MC_075	0.0	0.25	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.001	0.002	0.000	0.002	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.313522
	0.0220079	-0.0205866	-0.0032017	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.84725	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.55567e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm145	LC5_MC_075	0.0	0.33	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.333333	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.313522
	0.0220079	-0.0135494	-0.00239971	0	0	1	1	4838.77	413.106



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.84725	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.55567e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm145	LC5_MC_075	0.0	0.50	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.003	0.003	0.000	0.003	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.313522
	0.0220079	-0.0533399	-0.000795729	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.84725	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.55567e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm145	LC5_MC_075	0.0	0.75	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.011	0.000	0.011	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.313522
	0.0220079	-0.220755	0.00161024	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.84725	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.55567e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm145	LC5_MC_075	0.0	1.00	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.024	0.000	0.024	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.313522
	0.0220079	-0.495887	0.00401612	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.84725	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.55567e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm146	LC2_MC_125	0.0	0.00	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.004	0.006	0.000	0.006	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.312391
	0.0223747	-0.0956801	0.00568653	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.85805	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.64826e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm146	LC2_MC_125	0.0	0.25	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.001	0.002	0.000	0.002	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.312391
	0.0223747	-0.0199719	0.00324276	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.85805	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.64826e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm146	LC2_MC_125	0.0	0.33	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.333333	275000



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.312391
	0.0223747	-0.0126888	0.00242814	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.85805	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.64826e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm146	LC2_MC_125	0.0	0.50	OK	0.00	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.003	0.003	0.000	0.003	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.312391
	0.0223747	-0.0519876	0.000798891	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.85805	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.64826e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm146	LC2_MC_125	0.0	0.75	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.006	0.011	0.000	0.011	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.312391
	0.0223747	-0.218665	-0.00164498	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.85805	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.64826e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm146	LC2_MC_125	0.0	1.00	OK	0.02	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.024	0.000	0.024	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.312391
	0.0223747	-0.493059	-0.00408875	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.85805	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	5.64826e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm146	LC5_MC_075	0.0	0.00	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.004	0.005	0.000	0.005	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	1e-05	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.347455
	0.0143266	-0.0930167	0.00395649	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.66319	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.61661e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm146	LC5_MC_075	0.0	0.25	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.000	0.002	0.000	0.002	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.25	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.347455
	0.0143266	-0.0332147	0.0023429	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.66319	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.61661e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm146	LC5_MC_075	0.0	0.33	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)



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Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	0.001	0.002	0.000	0.002	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.333333	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.347455
	0.0143266	-0.031234	0.00180502	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.66319	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.61661e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm146	LC5_MC_075	0.0	0.50	OK	0.00	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.003	0.004	0.000	0.004	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.5	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.347455
	0.0143266	-0.0811373	0.000729255	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.66319	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.61661e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm146	LC5_MC_075	0.0	0.75	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.007	0.013	0.000	0.013	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.75	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.347455
	0.0143266	-0.263722	-0.000884394	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.66319	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.61661e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm146	LC5_MC_075	0.0	1.00	OK	0.03	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.027	0.000	0.027	0.000	0.000	0.000	0.000	89.6111
	89.6111	0	0.498783	0.103273	1.17757	0	0	0.99999	275000
	2.1e+08	1.5	1.5	1.5	1.5	1	1.5	1	0.347455
	0.0143266	-0.554022	-0.00249798	0	0	1	1	4838.77	413.106
	440.149	1	1	281.79	176059	364.412	227681	1	281.79
	176059	2.66319	0	0	0.814114	3.0515	23.5829	2	5.24755
	108.57	1	5.34	166.221	396.134	3.61661e-05	21.2246	4.72279	2.03549e-08
	1.98619e-09	0	0						
Bm147	LC2_MC_125	0.0	0.00	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.010	0.002	0.008	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	1e-05	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	-11.7872	5.68798	-0.000101299	0	0	1.00004	1.00049	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.35583	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3308.99	0.00356217	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm147	LC2_MC_125	0.0	0.25	OK	0.02	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.015	0.003	0.002	0.001	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.25	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	-11.7872	0.910971	-0.00329685	0	0	1.00004	1.00049	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.35583	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3308.99	0.00356217	706.922	157.472	1.48333e-06



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.87837e-06	0	0						
Bm147	LC2_MC_125	0.0	0.53	OK	0.02	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.022	0.012	0.002	0.010	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.528585	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	-11.7872	-6.96025	-0.00685793	0	0	1.00004	1.00049	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.35583	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3308.99	0.00356217	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm147	LC2_MC_125	0.0	0.53	OK	0.17	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.175	0.127	0.011	0.116	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.528605	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	77.4244	-82.1716	0.00791566	0	0	1	1	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.36124	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3588.75	0.0215742	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm147	LC2_MC_125	0.0	0.75	OK	0.17	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.170	0.044	0.011	0.033	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.75	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	77.4244	-23.3587	0.00508703	0	0	1	1	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.36124	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3588.75	0.0215742	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm147	LC2_MC_125	0.0	1.00	OK	0.16	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.164	0.069	0.011	0.058	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.99999	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	77.4244	41.0148	0.00189304	0	0	1	1	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.36124	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3588.75	0.0215742	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm147	LC5_MC_075	0.0	0.00	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.009	0.009	0.002	0.008	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	1e-05	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	-11.7773	5.31071	-9.89569e-05	0	0	1.00004	1.00049	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.13815	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3308.99	0.00355919	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm147	LC5_MC_075	0.0	0.25	OK	0.01	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.015	0.003	0.002	0.001	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.25	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	-11.7773	0.682625	-0.00322063	0	0	1.00004	1.00049	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	253562	3.13815	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3308.99	0.00355919	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm147	LC5_MC_075	0.0	0.53	OK	0.02	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.021	0.012	0.002	0.010	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.528585	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	-11.7773	-7.02262	-0.00669939	0	0	1.00004	1.00049	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.13815	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3308.99	0.00355919	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm147	LC5_MC_075	0.0	0.53	OK	0.13	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.126	0.097	0.008	0.090	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.528605	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	55.0203	-63.2949	0.00773267	0	0	1	1	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.14174	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3588.75	0.0153313	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm147	LC5_MC_075	0.0	0.75	OK	0.12	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.121	0.038	0.008	0.030	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.75	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	55.0203	-21.2481	0.00496943	0	0	1	1	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.14174	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3588.75	0.0153313	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm147	LC5_MC_075	0.0	1.00	OK	0.12	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.115	0.042	0.008	0.034	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.99999	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	55.0203	24.1937	0.00184928	0	0	1	1	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.14174	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3588.75	0.0153313	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm148	LC2_MC_125	0.0	0.00	OK	0.01	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.009	0.009	0.002	0.007	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	1e-05	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	-11.7769	5.29347	0.000101299	0	0	1.00004	1.00049	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.12596	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3308.99	0.00355906	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm148	LC2_MC_125	0.0	0.25	OK	0.01	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.015	0.003	0.002	0.001	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.25	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1



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Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	-11.7769	0.672192	0.00329685	0	0	1.00004	1.00049	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.12596	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3308.99	0.00355906	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm148	LC2_MC_125	0.0	0.53	OK	0.02	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.021	0.012	0.002	0.010	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.528585	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	-11.7769	-7.02547	0.00685793	0	0	1.00004	1.00049	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.12596	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3308.99	0.00355906	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm148	LC2_MC_125	0.0	0.53	OK	0.12	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.124	0.096	0.008	0.088	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.528605	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	53.9966	-62.4324	-0.00791566	0	0	1	1	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.12947	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3588.75	0.0150461	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm148	LC2_MC_125	0.0	0.75	OK	0.12	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.119	0.037	0.008	0.030	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.75	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	53.9966	-21.1517	-0.00508703	0	0	1	1	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.12947	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3588.75	0.0150461	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm148	LC2_MC_125	0.0	1.00	OK	0.11	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.113	0.041	0.008	0.033	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.99999	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	53.9966	23.4252	-0.00189304	0	0	1	1	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.12947	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3588.75	0.0150461	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm148	LC5_MC_075	0.0	0.00	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.010	0.002	0.008	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	1e-05	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	-11.7867	5.67074	9.89569e-05	0	0	1.00004	1.00049	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.34757	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3308.99	0.00356204	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm148	LC5_MC_075	0.0	0.25	OK	0.02	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.015	0.003	0.002	0.001	0.000	0.000	0.000	0.000	35.3822



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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	35.3822	0	0.49964	0.173077	0.9	0	0	0.25	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	-11.7867	0.900538	0.00322063	0	0	1.00004	1.00049	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.34757	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3308.99	0.00356204	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm148	LC5_MC_075	0.0	0.53	OK	0.02	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.022	0.012	0.002	0.010	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.528585	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	-11.7867	-6.96309	0.00669939	0	0	1.00004	1.00049	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.34757	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3308.99	0.00356204	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm148	LC5_MC_075	0.0	0.53	OK	0.17	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.173	0.126	0.011	0.115	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.528605	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	76.4007	-81.3091	-0.00773267	0	0	1	1	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.35289	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3588.75	0.021289	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm148	LC5_MC_075	0.0	0.75	OK	0.17	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.168	0.044	0.011	0.033	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.75	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	76.4007	-23.2622	-0.00496943	0	0	1	1	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.35289	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3588.75	0.021289	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm148	LC5_MC_075	0.0	1.00	OK	0.16	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.162	0.068	0.011	0.057	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.99999	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	76.4007	40.2462	-0.00184928	0	0	1	1	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.35289	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3588.75	0.021289	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm149	LC2_MC_125	0.0	0.00	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.010	0.002	0.008	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	1e-05	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	-11.7872	5.68798	-0.000101299	0	0	1.00004	1.00049	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.35583	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3308.99	0.00356217	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
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Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
Bm149	LC2_MC_125	0.0	0.25	OK	0.02	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.015	0.003	0.002	0.001	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.25	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	-11.7872	0.910971	-0.00329685	0	0	1.00004	1.00049	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.35583	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3308.99	0.00356217	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm149	LC2_MC_125	0.0	0.53	OK	0.02	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.022	0.012	0.002	0.010	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.528585	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	-11.7872	-6.96025	-0.00685793	0	0	1.00004	1.00049	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.35583	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3308.99	0.00356217	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm149	LC2_MC_125	0.0	0.53	OK	0.17	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.175	0.127	0.011	0.116	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.528605	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	77.4244	-82.1716	0.00791566	0	0	1	1	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.36124	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3588.75	0.0215742	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm149	LC2_MC_125	0.0	0.75	OK	0.17	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.170	0.044	0.011	0.033	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.75	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	77.4244	-23.3587	0.00508703	0	0	1	1	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.36124	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3588.75	0.0215742	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm149	LC2_MC_125	0.0	1.00	OK	0.16	ufShear	Geom OK	AISC member	ver_profilii_4.run(1)
	0.164	0.069	0.011	0.058	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.99999	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	77.4244	41.0148	0.00189304	0	0	1	1	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.36124	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3588.75	0.0215742	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm149	LC5_MC_075	0.0	0.00	OK	0.01	ufH1	Geom OK	AISC member	ver_profilii_4.run(1)
	0.009	0.009	0.002	0.008	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	1e-05	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	-11.7773	5.31071	-9.89569e-05	0	0	1.00004	1.00049	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.13815	0	0	2.91593	0	785.469	2	174.969



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	808.5	1	5.34	1650	3308.99	0.00355919	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm149	LC5_MC_075	0.0	0.25	OK	0.01	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.015	0.003	0.002	0.001	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.25	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	-11.7773	0.682625	-0.00322063	0	0	1.00004	1.00049	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.13815	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3308.99	0.00355919	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm149	LC5_MC_075	0.0	0.53	OK	0.02	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.021	0.012	0.002	0.010	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.528585	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	-11.7773	-7.02262	-0.00669939	0	0	1.00004	1.00049	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.13815	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3308.99	0.00355919	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm149	LC5_MC_075	0.0	0.53	OK	0.13	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.126	0.097	0.008	0.090	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.528605	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	55.0203	-63.2949	0.00773267	0	0	1	1	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.14174	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3588.75	0.0153313	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm149	LC5_MC_075	0.0	0.75	OK	0.12	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.121	0.038	0.008	0.030	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.75	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	55.0203	-21.2481	0.00496943	0	0	1	1	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.14174	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3588.75	0.0153313	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm149	LC5_MC_075	0.0	1.00	OK	0.12	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.115	0.042	0.008	0.034	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.99999	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	55.0203	24.1937	0.00184928	0	0	1	1	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.14174	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3588.75	0.0153313	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm150	LC2_MC_125	0.0	0.00	OK	0.01	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.009	0.009	0.002	0.007	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	1e-05	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	-11.7769	5.29347	0.000101299	0	0	1.00004	1.00049	289485	24005.9



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Report:
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Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UfTot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.12596	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3308.99	0.00355906	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm150	LC2_MC_125	0.0	0.25	OK	0.01	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.015	0.003	0.002	0.001	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.25	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	-11.7769	0.672192	0.00329685	0	0	1.00004	1.00049	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.12596	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3308.99	0.00355906	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm150	LC2_MC_125	0.0	0.53	OK	0.02	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.021	0.012	0.002	0.010	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.528585	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	-11.7769	-7.02547	0.00685793	0	0	1.00004	1.00049	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.12596	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3308.99	0.00355906	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm150	LC2_MC_125	0.0	0.53	OK	0.12	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.124	0.096	0.008	0.088	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.528605	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	53.9966	-62.4324	-0.00791566	0	0	1	1	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.12947	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3588.75	0.0150461	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm150	LC2_MC_125	0.0	0.75	OK	0.12	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.119	0.037	0.008	0.030	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.75	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	53.9966	-21.1516	-0.00508702	0	0	1	1	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.12947	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3588.75	0.0150461	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm150	LC2_MC_125	0.0	1.00	OK	0.11	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.113	0.041	0.008	0.033	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.99999	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	53.9966	23.4252	-0.00189304	0	0	1	1	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.12947	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3588.75	0.0150461	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm150	LC5_MC_075	0.0	0.00	OK	0.01	ufH1	Geom OK	AISC member	ver_profil_4.run(1)
	0.010	0.010	0.002	0.008	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	1e-05	275000



GeniE V7.9-04

Report:
052400BZCZ00001_PRDE

Report:
Annex C: Structural Checks – Deck – Open Profiles Beams Check – Consequence Factor: Medium

Date:
05/08/2019

Member	LoadCase	Phase	Position	Status	UFtot	Formula	GeomCheck	SubCheck	Run
	ufShear	ufH1	ufH1ax	ufH1mo	ufH2	ufH2ax	ufH2mo	ufH3	sldTens
	sldComp	D/t	lzc/lz	h/tw(rel.)	web/Afc	bl/bs	OutOfBounds	relpos	Fy
	E	KLy	KLz	a	L	Kz	Lb	Cmy	Cmz
	Pr	Mry	Mrz	Mrymax	Mrzmax	B1y	B1z	Pey	Pez
	PnD2	FISldC	WebSldC	PnE3	FcrE3	PnE4	FcrE4	Q	PnE
	FcrAxial	Cb	FISldF	WebSldF	Lp	Lr	Mny	Sect. F.	Mnz
	Vnz	Cv	kv	Vny	Pc	Pr/Pc	Mcy	McZ	J
	Cw	frnw	frvw						
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	-11.7867	5.67074	9.89569e-05	0	0	1.00004	1.00049	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.34757	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3308.99	0.00356204	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm150	LC5_MC_075	0.0	0.25	OK	0.02	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.015	0.003	0.002	0.001	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.25	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	-11.7867	0.900538	0.00322063	0	0	1.00004	1.00049	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.34757	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3308.99	0.00356204	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm150	LC5_MC_075	0.0	0.53	OK	0.02	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.022	0.012	0.002	0.010	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.528585	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	-11.7867	-6.9631	0.00669939	0	0	1.00004	1.00049	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.34757	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3308.99	0.00356204	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm150	LC5_MC_075	0.0	0.53	OK	0.17	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.173	0.126	0.011	0.115	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.528605	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	76.4007	-81.3091	-0.00773267	0	0	1	1	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.3529	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3588.75	0.021289	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm150	LC5_MC_075	0.0	0.75	OK	0.17	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.168	0.044	0.011	0.033	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.75	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	76.4007	-23.2622	-0.00496942	0	0	1	1	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.3529	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3588.75	0.021289	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						
Bm150	LC5_MC_075	0.0	1.00	OK	0.16	ufShear	Geom OK	AISC member	ver_profil_4.run(1)
	0.162	0.068	0.011	0.057	0.000	0.000	0.000	0.000	35.3822
	35.3822	0	0.49964	0.173077	0.9	0	0	0.99999	275000
	2.1e+08	2.12132	2.12132	2.12132	2.12132	1	2.12132	1	1
	76.4007	40.2462	-0.00184928	0	0	1	1	289485	24005.9
	3987.5	1	2	3719.69	256531	3777.16	260494	0.988428	3676.65
	253562	3.3529	0	0	2.91593	0	785.469	2	174.969
	808.5	1	5.34	1650	3588.75	0.021289	706.922	157.472	1.48333e-06
	2.87837e-06	0	0						