



GENERAL NOTE:

1. IL NUMERO DEI CORPI E LA CONFIGURAZIONE DEGLI SCAMBIATORI SONO STATI STIMATI, DA VERIFICARE A CURA DELL' APRES.

NOTE:

1. BOILER FEED WATER A 61E08.
2. BOILER FEED WATER DA 61E09.

LEGEND:

- ◇ NUMERO DI CORRENTE
- NNF NORMALLY NO FLOW
- AT ACQUA TEMPERATA
- FG FUEL GAS
- BL LIMITE DI BATTERIA
- LS VAPORE BASSA PRESSIONE
- FO FUEL OIL
- DM ACQUA DEMI
- BFW BOILER FEED WATER
- CW COOLING WATER
- LA AMMINA POVERA
- RA AMMINA RICCA
- BD BLOWDOWN
- MS VAPORE MEDIA PRESSIONE

MARCIA BELAYM-ALIMENTAZIONE CALDA

Nome corrente		1	2	3	4	5	6	7	8	9	10	11	15	16	17	18	19	20	21	24	26	27	28	31	32	33	34	35	39	40	41	42	43	61	62	63
FASE	udm	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Vapore
Temperatura	C	130.00	130.00	130.00	144.92	169.89	241.58	280.09	173.83	202.53	305.69	293.01	341.19	274.72	228.20	232.58	208.20	187.02	374.93	316.46	225.04	225.04	225.04	225.04	183.97	258.81	236.54	236.54	207.085	274.83	274.83	27000	27000	26576		
Pressione	KG/CM2	292467	146234	146234	146234	146234	146234	146234	146234	146234	292467	217223	217223	150588	66634	168522	168522	168522	47934	47934	30000	17934	213572	213572	133572	80000	80000	234568	234568	207085	27483	27483	27000	27000	26576	
Portata massica	KG/HR	292467	146234	146234	146234	146234	146234	146234	146234	146234	292467	217223	217223	150588	66634	168522	168522	168522	47934	47934	30000	17934	213572	213572	133572	80000	80000	234568	234568	207085	27483	27483	27000	27000	26576	
Peso molecolare		543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	
Portata massica	KG/HR	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	26576
Peso molecolare		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	18.01
Portata massica	KG/HR	292467	146234	146234	146234	146234	146234	146234	146234	146234	292467	217223	217223	150588	66634	168522	168522	168522	47934	47934	30000	17934	213572	213572	133572	80000	80000	234568	234568	207085	27483	27483	27000	27000	n/a	
Densità attuale	KG/M3	927.29	927.29	927.29	919.62	906.87	869.70	849.28	905.09	890.48	835.85	842.34	879.07	909.59	930.53	930.53	918.67	929.91	939.75	798.58	857.45	857.45	857.45	785.31	837.85	837.85	837.85	859.76	777.91	791.67	791.67	831.10	943.69	875.63	n/a	
Densità standard	KG/M3	984.73	984.73	984.73	984.73	984.73	984.73	984.73	984.73	984.73	984.73	984.73	1031.30	1031.30	1031.30	1026.28	1026.28	1026.28	985.93	985.93	985.93	949.22	949.22	949.22	949.22	916.23	916.23	916.23	916.23	916.23	916.23	916.23	998.57	998.57	n/a	

MARCIA BELAYM-ALIMENTAZIONE FREDDA

Nome corrente		1	2	3	4	5	6	7	8	9	10	11	15	16	17	18	19	20	21	24	26	27	28	31	32	33	34	35	39	40	41	42	43	61	62	63
FASE	udm	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Vapore
Temperatura	C	85.00	85.00	85.00	105.05	144.11	218.75	263.32	141.90	179.23	298.23	280.99	341.82	263.99	215.11	215.11	219.02	187.91	171.74	373.20	250.10	250.10	250.10	316.21	225.00	225.00	225.00	163.36	259.79	220.62	220.62	220.62	133.10	120.00	172.68	199.47
Pressione	KG/CM2	292467	146234	146234	146234	146234	146234	146234	146234	146234	292467	210630	210630	150660	59970	168464	168464	168464	47805	47805	30000	17805	209482	209482	129482	80000	80000	163420	163420	135937	27483	27483	27000	27000	24904	
Portata massica	KG/HR	292467	146234	146234	146234	146234	146234	146234	146234	146234	292467	210630	210630	150660	59970	168464	168464	168464	47805	47805	30000	17805	209482	209482	129482	80000	80000	163420	163420	135937	27483	27483	27000	27000	24904	
Peso molecolare		543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	543.70	
Portata massica	KG/HR	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	24904
Peso molecolare		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	18.01
Portata massica	KG/HR	292467	146234	146234	146234	146234	146234	146234	146234	146234	292467	210630	210630	150660	59970	168464	168464	168464	47805	47805	30000	17805	209482	209482	129482	80000	80000	163420	163420	135937	27483	27483	27000	27000	n/a	
Densità attuale	KG/M3	950.18	950.18	950.18	939.41	919.20	880.61	857.21	920.91	901.89	839.36	847.76	882.91	917.71	939.29	939.29	925.00	939.37	946.81	799.20	865.76	865.76	865.76	785.58	837.98	837.98	837.98	870.69	777.38	801.40	801.40	801.40	851.21	943.69	895.35	n/a
Densità standard	KG/M3	984.73	984.73	984.73	984.73	984.73	984.73	984.73	984.73	984.73	984.73	984.73	1031.28	1031.28	1031.28	1031.28	1026.26	1026.26	1026.26	985.66	985.66	985.66	949.32	949.32	949.32	949.32	916.29	916.29	916.29	916.29	916.29	916.29	916.29	998.57	998.57	n/a

Eni S.p.A
Divisione Refining & Marketing

PROJECT: **PROGETTO SERENISSIMA - RAFFINERIA DI VENEZIA**
UNITA' 61 IMPIANTO VACUUM

DESCRIZIONE: **PROCESS FLOW DIAGRAM**
SEZIONE DI PRERISCALDO

Snamprogetti
A company of SAIPEM

JOB No. 316210
Dwg. No. 61-GD-B-04601
SCALE: 1/100

1 File: 61-GD-B-04601.dgn