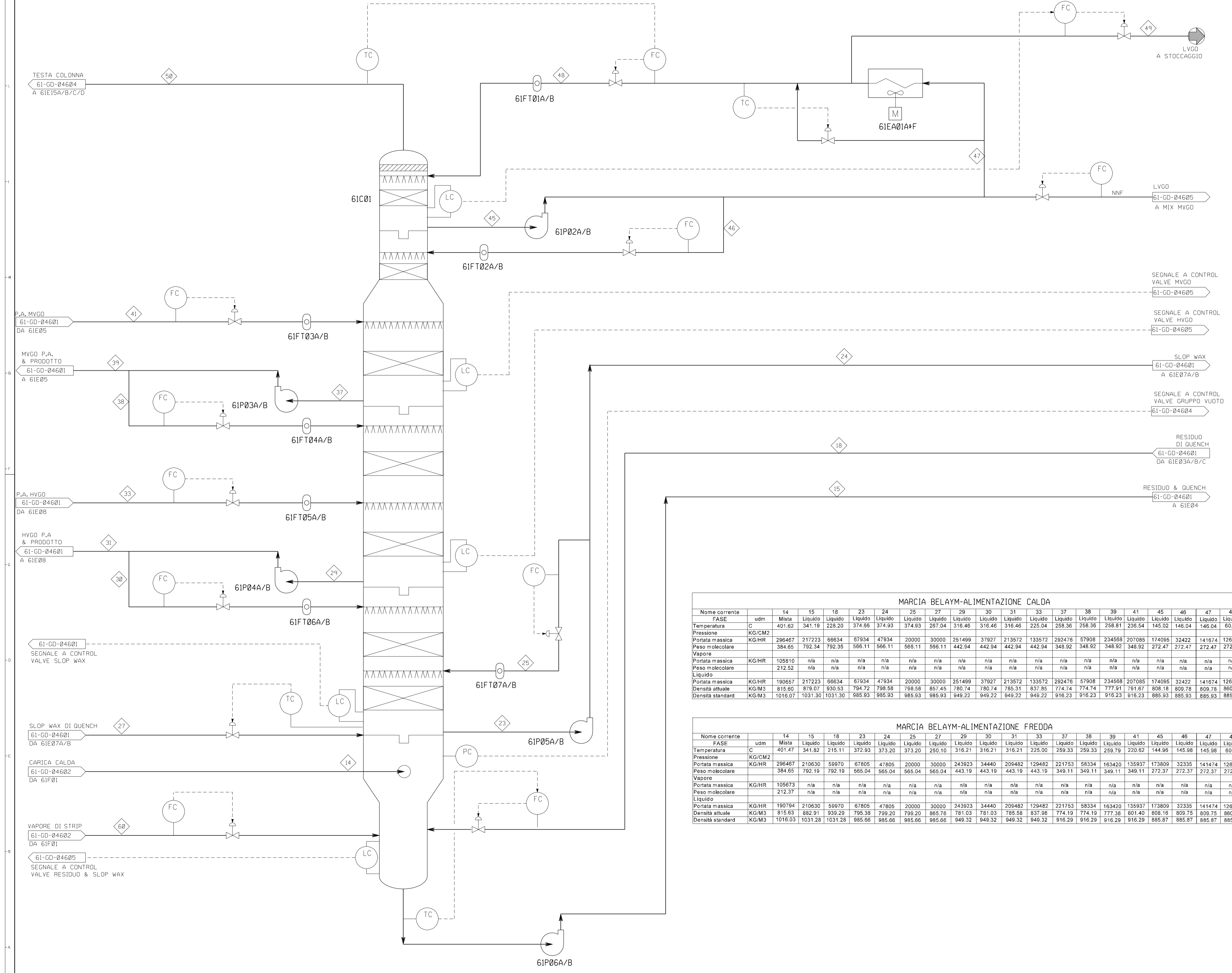


61EA01A+F LVGO P.A. AIR COOLER
 61FT01A/B FILTRO LVGO P.A.
 61FT02A/B FILTRO RIFLUSSO CALDO LVGO
 61FT03A/B FILTRO MVGO P.A.
 61FT04A/B FILTRO RIFLUSSO CALDO MVGO
 61FT05A/B FILTRO HVGO P.A.
 61FT06A/B FILTRO RIFLUSSO CALDO HVGO
 61FT07A/B FILTRO SLOP WAX DI LAVAGGIO
 61C01 COLONNA VACUUM
 61P02A/B POMPA LVGO
 61P03A/B POMPA MVGO
 61P04A/B POMPA HVGO
 61P05A/B POMPA SLOP OIL
 61P06A/B POMPA RESIDUO VACUUM

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



MARCIA BELAYM-ALIMENTAZIONE CALDA

Nome corrente	udm	14	15	18	23	24	25	27	29	30	31	33	37	38	39	41	45	46	47	48	49	50	60	
FASE		Mista	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Mista	Vapore		
Temperatura	C	401.62	341.19	228.20	374.86	374.93	374.93	267.04	316.46	316.46	316.46	225.04	258.36	258.36	258.81	236.54	145.02	146.04	146.04	60.01	60.01	80.00	300.00	
Pressione	KG/CM2																							
Portata massica	KG/HR	296467	217223	66634	67934	47934	20000	30000	251499	37927	213572	133572	292476	57908	234568	207085	174095	32422	141674	126674	15000	13088	7500	
Peso molecolare		384.65	792.34	792.35	566.11	566.11	566.11	566.11	442.94	442.94	442.94	442.94	348.92	348.92	348.92	348.92	272.47	272.47	272.47	272.47	272.47	19.95	18.01	
Vapore																								
Portata massica	KG/HR	105810	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	12277	7500
Peso molecolare		212.52	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	18.81
Liquido																								
Portata massica	KG/HR	190657	217223	66634	67934	47934	20000	30000	251499	37927	213572	133572	292476	57908	234568	207085	174095	32422	141674	126674	15000	811	n/a	
Densità attuale	KG/M3	815.60	876.07	930.53	794.72	798.58	798.58	857.45	780.74	780.74	785.31	837.85	774.74	774.74	777.91	761.67	808.18	809.76	809.76	860.52	860.52	846.88	n/a	
Densità standard	KG/M3	1016.07	1031.30	1031.30	985.93	985.93	985.93	985.93	949.22	949.22	949.22	949.22	916.23	916.23	916.23	885.93	885.93	885.93	885.93	885.93	885.93	886.75	n/a	

MARCIA BELAYM-ALIMENTAZIONE FREDDA

Nome corrente	udm	14	15	18	23	24	25	27	29	30	31	33	37	38	39	41	45	46	47	48	49	50	60	
FASE		Mista	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Liquido	Mista	Vapore		
Temperatura	C	401.47	341.82	215.11	372.93	373.20	373.20	250.10	316.21	316.21	316.21	225.00	259.33	259.33	259.79	220.82	144.96	145.98	145.98	60.00	60.00	80.00	300.00	
Pressione	KG/CM2																							
Portata massica	KG/HR	296467	210630	59970	67805	47805	20000	30000	243923	34440	204462	129482	221753	58334	163420	135937	173809	32335	141474	126474	15000	13088	7500	
Peso molecolare		384.65	792.19	792.19	565.04	565.04	565.04	565.04	443.19	443.19	443.19	443.19	348.11	349.11	349.11	349.11	272.37	272.37	272.37	272.37	272.37	19.95	18.01	
Vapore																								
Portata massica	KG/HR	105673	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	12277	7500
Peso molecolare		212.37	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	18.82
Liquido																								
Portata massica	KG/HR	190754	210630	59970	67805	47805	20000	30000	243923	34440	204462	129482	221753	58334	163420	135937	173809	32335	141474	126474	15000	811	n/a	
Densità attuale	KG/M3	815.63	882.91	939.29	795.38	799.20	799.20	865.76	781.03	781.03	785.58	837.98	774.19	774.19	777.38	801.40	808.16	809.75	809.75	860.47	860.47	846.83	n/a	
Densità standard	KG/M3	1016.03	1031.28	1031.28	985.66	985.66	985.66	985.66	949.32	949.32	949.32	949.32	916.29	916.29	916.29	885.87	885.87	885.87	885.87	885.87	885.87	886.70	n/a	

- LEGEND:
- ◇ NUMERO DI CORRENTE
 - NNF NORMALLY NO FLOW
 - AT ACQUA TEMPERATA
 - FC 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

0	31/04/07	EMISSIONE	SMACCON	LUCCONE	C.ARAM
Rev	Date	Description	Prepared	Checked	Approved

Eni S.p.A
 Divisione Refining & Marketing

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

DESCRIZIONE: **PROCESS FLOW DIAGRAM**
COLONNA VACUUM

Snamprogetti
 A company of SAIPEM

JOB No. 316210
 Dwg. No. 61-GD-B-04603
 SCALE: Sh. of

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