

2394-1 PHASE H-OIL & VGO HYDROCRACKING COMPLEX :
CARBON STEEL & H.I.C. VESSELS'

Client / End User : Technip Italy SpA (Italy) / Lukoil Neftokin Burgas AD (Bulgaria)
Year : 2013

Work Description :

Design, procurement, construction, testing, sandblasting and painting, transportation of 10 HIC Drums, and 6 carbon steel vessels.

Design Code : ASME VIII Div. 1 / PED 97-23-EC

Item	Position	Weight (kgs)	I.D. (mm)	TL-TL (mm)	Capacity (m3)	Design Temp. (°C)	Design Pressure (bar g)	Shell Material
D-101 Hot Flare K.O. Drum	Horizontal	79.000	5.700	13.500	392,97	426	3,5	SA 516 Gr 60N_24mm
D-9402 H-Oil Hydrocarbon Flare K.O. Drum	Horizontal	60.000	5.000	12.000	268,34	380/110	10	SA 516 Gr 60N_22mm
D-3012 Nitrogen Buffer Vessel	Horizontal	22.500	2.700	7.000	167,55	80	16	SA 516 Gr 70N_24mm
D-7003A Inter-Stage KO Drum	Horizontal	23.041	1.750	4.300	1,174	16	96	SA 516 Gr 70N_68mm
D-7003B Inter-Stage KO Drum	Horizontal	23.041	1.750	4.300	1,174	16	96	SA 516 Gr 70N_68mm
D-7003C Inter-Stage KO Drum	Horizontal	23.041	1.750	4.300	1,174	16	96	SA 516 Gr 70N_68mm
D-2006 Vacuum Tower Ovhd Receiver	Horizontal	12.180	2.000	5.700	20	270	3,5	SA 516 Gr 70N_17mm
D-2001 Fractionator Reflux Drum	Horizontal	10.200	2.200	7.000	31,04	124	6,5	SA 516 Gr 70N_13mm
D-2004 Stabilizer Reflux Drums	Horizontal	3.950	1.400	3.300	5,89	118	16	SA 516 Gr 70N_16mm
D-2002 Ovhd Compressor Suction KO Drum	Vertical	3.865	1.300	3.200	5,5	135	9	SA 516 Gr 70N_13mm
D-7006 MP Water Scrubber KO Drum	Vertical	3.156	1.000	2.750	2,42	123	45,7	SA 516 Gr 70N_21mm
D-8004 Amine Drain Sump Drum	Horizontal	6.656	2.100	4.500	18,11	150	3,5	SA 516 Gr 70N_13mm
D-8005 Sour Water Drain Sump Drum	Horizontal	6.656	2.100	4.500	18,11	150	3,5	SA 516 Gr 70N_13mm
D-1019 Stripping Steam Drum	Horizontal	5.650	1.600	3.200	7,5	330	25/F.V.	SA 516 Gr 70N_22mm
D-2003A/B Ovhd Compressor Interstage KO Drums	Vertical	1.790	900	2.300	1,71	150	14,3	SA 516 Gr 70N_12mm
D-2023 Natural Gas K.O. Drum	Horizontal	1.250	600	1.850	0,55	260	10	SA 516 Gr 60N_ 8mm
D-1022 LP Amine Absorber KO Drum	Vertical	1.130	752	2.200	1,13	197	12	SA 516 Gr 70N_11mm
D-1023 Sweet Gas K.O. Drum	Horizontal	950	710	2.000	0,93	260	12	SA 516 Gr 60N_ 8mm

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