

41343_01 ROG PROJECT_ SUPPLY OF PRESSURE EQUIPMENT FOR TOTAL RAFFINADERIJ, ANTWERPEN, BELGIUM

Client/End User : Prosernat s.a. / TOTAL Raffinaderij (Belgium)
Year : 2015

Work Description :

Endorsement of the design dossier, Detailed workshop engineering and fabrication studies, Material procurement and fabrication, Testing and Inspection, Packing and Marking, Final Documentation
Design Code : ASME VIII Div. 1 latest Ed. + PED 97/23/EC

Drums Technical Data :

Item	Position	Weight (kgs)	I.D. (mm)	TL-TL (mm)	Capacity (m3)	Design Temperature (°C)	Design Pressure (bar g)	Test Pressure (bar g)	Shell Material & Thk
D-94202B_Unsat ROG COS/RSH Removal Beds	Vertical	25.740	3.000	10.000	78	-20/ 70 (Adsorption) -20/340 (Regeneration)	14 (Adsorption) 8 (Regeneration)	20	SA 516 Gr 70N _ 18mm
D-94201A_Unsat ROG Dryers & Ammonia Removal Beds	Vertical	17.275	2.600	9.200	53,5	-20/ 70 (Adsorption) -20/280 (Regeneration)	13 (Adsorption) 8 (Regeneration)	0	SA 516 Gr 70N _ 16mm
D-94201B_Unsat ROG Dryers & Ammonia Removal Beds	Vertical	17.200	2.600	9.200	53,5	-20/ 70 (Adsorption) -20/280 (Regeneration)	13 (Adsorption) 8 (Regeneration)	20	SA 516 Gr 70N _ 16mm
D-94202A_Unsat ROG COS/RSH Removal Beds	Vertical	14.230	2.800	6.300	44,5	-20/70	13	20	SA 516 Gr 70N _ 18mm
D-94203A_Unsat ROG Arsine & Mercury Removal Bed	Vertical	14.230	2.800	6.300	44,5	-20/70	13	20	SA 516 Gr 70N _ 17mm
F-94404_Amine Slops Drum	Horizontal	12.470	2.250	6.750	30	-20/155	3,5 / F.V.	5,3	SA 516 Gr 65N _ 14mm
F-94405_Sour Water Flash Drum	Vertical	4.270	1.400	4.100	7	-20/95	3,5 / F.V.	5,5	SA 516 Gr 65N _ 14mm
F-94207_Caustic Drain Drum	Horizontal	3.840	1.300	3.800	5,8	-20/95	3,5 / F.V.	5,5	SA 516 Gr 70N _ 13mm
F-94202_UNSAT ROG Compressor Feed KO Drum	Vertical	3.706	1.600	3.300	7,7	-20/70	15/F.V.	21,5	SA 516 Gr 70N _ 14mm
L-94408_Lean Amine Carbon Filter	Vertical	2.950	1.650	3.500	8,7	-20/105	7	10,5	SA 516 Gr 60N _ 10mm
F-94407_Amine Reboiler Condensate Drum	Vertical	1.005	797	1.600	0,9	-20/300	6,5 / F.V.	9,3	SA 516 Gr 70N _ 8mm
SP-94080_Flash Drum HC Pot	Vertical	285	247,6	1.500	0,065	-20/95	12,5	17,9	SA 333 Gr 6 _ 10"

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