

SUPPLY OF 24 PRESSURE VESSELS FOR TIDIKELT AND SBAA PROJECT

Client/End User : Prosernat s.a. (France) / SONATRACH (Algeria)
Year : 2014

Work Description :

Mechanical Calculation, Construction drawings, Material Procurement, Manufacturing, NDT and Hydrotest, Sandblasting and painting of 22 Slow Pressure Vessels and 2 Heat Exchangers, which will be installed in Algeria for SONATRACH in the two sites of TIDIKELT and SbAA
Design Code : ASME VIII Div.1 / ARH Decree 90-245

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
S-201 [TIDIKELT]_Slug Separators	Vertical	26.730	2310	4.500	22	-29 / 80	88 / FV	132	SA 240 S 31803 _ 62mm
S-201 [SBAA]_Slug Separators	Vertical	11.748	1700	4.350	11,15	-29 / 80	66 / FV	99	SA 240 S 31803 _ 34mm
S-202 [TIDIKELT]_Slug Separators	Vertical	13.850	1700	4.350	11,15	-29 / 80	88 / FV	132	SA 240 S 31803 _ 45mm
S-202 [SBAA]_Slug Separators	Vertical	10.437	1700	4.350	11,15	-29 / 80	66 / FV	99	SA 240 S 31803 _ 34mm
D-201 [TIDIKELT]_Fuel Gas Vessel	Vertical	352	324	1.619	0,14	-29 / 80	FV/16	24	SA 333 Gr 6 _ 9,5mm
D-201 [SBAA]_Fuel Gas Vessel	Vertical	352	324	1.619	0,14	-29 / 80	FV/16	24	SA 333 Gr 6 _ 9,5mm
S-203 [TIDIKELT]_TEG Flash Drum	Horizontal	1.219	900	2.500	1,78	-10 / 80	FV/10	15	SA 240 Tp 316L _ 8mm
S-203 [SBAA]_TEG Flash Drum	Horizontal	1.219	900	2.500	1,78	-10 / 80	FV/10	15	SA 240 Tp 316L _ 8mm
F-201A [TIDIKELT]_TEG Cartridge Filters	Vertical	221	273	1.594	0,09	-10 / 80	FV/10	16	SA 358 Cl 1 Tp 316L _ 4,19mm
F-201A [SBAA]_TEG Cartridge Filters	Vertical	221	273	1.594	0,09	-10 / 80	FV/10	16	SA 358 Cl 1 Tp 316L _ 4,19mm
F-202 [TIDIKELT]_Dust Filtre	Vertical	1.309	468	2.000	0,14	-29 / 80	FV/88	132	SA 516 Gr 70 _ 20mm
F-201B [SBAA]_TEG Cartridge Filters	Vertical	221	273	1.594	0,09	-10 / 80	FV/10	16	SA 358 Cl 1 Tp 316L _ 4,19mm
H-201 / C-201 [TIDIKELT]_Glycol Reboilers / Stripping Columns	Horizontal	3.940	1100	5.600	5,5	-10 / 235	FV/3	6	SA 240 Tp 316L _ 8mm
H-201 / C-201 [SBAA]_Glycol Reboilers / Stripping Columns	Horizontal	3.940	1100	5.600	5,5	-10 / 235	FV/3	6	SA 240 Tp 316L _ 8mm
TK-201 [TIDIKELT]_TEG Storage Drum	Horizontal	2.813	1500	4.700	9,2	-10 / 135	FV/3	6	SA 240 Tp 316L _ 8mm
TK-201 [SBAA]_TEG Storage Drum	Horizontal	2.813	1500	4.700	9,2	-10 / 135	FV/3	6	SA 240 Tp 316L _ 8mm
F-201B [TIDIKELT]_TEG Cartridge Filters	Vertical	221	273	1.594	0,09	-10 / 80	FV/10	16	SA 358 Cl 1 Tp 316L _ 4,19mm
D-202 [TIDIKELT]_Demercurization Drum	Vertical	4.527	1000	2.300	0,4	-29 / 80	FV/88	132	SA 516 Gr 70 _ 37mm