

‘MATERIAL SUPPLY AND FABRICATION OF COLUMNS FOR MOH REFINERY EXPANSION PROJECT’

Client / End User : Technip Italy Spa (Italy) / Motor Oil Hellas Corinth Refineries S.A. (Greece)

Year : 2004

Work Description :

Detailed Engineering, material procurement, fabrication, N.D.T., sandblasting-painting, PED certification, delivery F.O.T. M.O.H. Refinery, Corinth.

Works were inspected daily by Technip’s resident engineering throughout the duration of manufacturing.

Item :	C-3190 _ Preflash Vacuum Tower
Content :	Hydrocarbons
Position :	Vertical
TL - TL (m):	24,40
Internal Diameter (m) :	4,80 / 2,80
Weight (tns) :	79,10
Capacity (m³) :	340
Design Code :	ASME VIII Div. 1 / PED 97/23/EC
Design Pressure (bar g) :	3.5 + F.V.
Design Temperature (°C) :	245/370
Shell Material :	A 516 Gr 60 – 12/21mm
Third Party Inspection :	Moody S.A.



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Item :	C-4951 _ Sour Water Stripper
Content :	Sour Water ($H_2S + NH_4$)
Position :	Vertical
TL - TL (m):	28,755
Internal Diameter (m) :	2,95
Weight (tns) :	49,23
Capacity (m³) :	203,30
Design Code :	ASME VIII Div. 1 / PED 97/23/EC
Design Pressure (bar g) :	3,67
Design Temperature (°C) :	155
Shell Material :	A 516 Gr 60 – 12÷19mm A516 Gr 60 + Clad 316 L – 6+3mm
Third Party Inspection :	Moody S.A.



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Item :	C-7504 _ Atmospheric Distillation Tower
Content :	Hydrocarbons
Position :	Vertical
TL - TL (m):	34.885
Internal Diameter (m) :	3,90 / 3,10
Weight (tns) :	67,80
Capacity (m³) :	287,30
Design Code :	ASME VIII Div. 1 / PED 97/23/EC
Design Pressure (bar g) :	3,9 + F.V.
Design Temperature (°C) :	397/160
Shell Material :	A 516 Gr 60 – 15mm A 516 Gr 60 + Clad AISI 410S – 10/12 + 3mm
Third Party Inspection :	Moody S.a.



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Item :	C-7506 _ Dryer
Content :	Gasoil
Position :	Vertical
TL - TL (m):	9,20
Internal Diameter (m) :	1,80
Weight (tns) :	8,83
Capacity (m³) :	23,90
Design Code :	ASME VIII Div. 1 / PED 97/23/EC
Design Pressure (bar g) :	3,5 + F.V.
Design Temperature (°C) :	225
Shell Material :	A 516 Gr 60 – 9mm
Third Party Inspection :	Moody S.A.



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Port Loading**

