

'REACTORS AND STORAGE TANKS _ MOH CDU COMPLEX'

Client / End User : Technip Italy Spa / Motor Oil Hellas Corinth Refineries S.A.
Year : 2009

Work Description :

Design, material procurement, manufacturing, N.D.T., hydrotesting, sandblasting and painting and delivery F.O.T. Ex-works EKME's factory, Thessaloniki, Greece.

Items :

1. R-6701 _ 1st & 2nd Claus Reactor
2. R-6802 _ Reduction Reactor
3. V-7353 _ Caustic Soda Tank
4. T-6701 _ Sulphur Tank
5. T-8301 _ Amine Tank

Reactors' Technical Data :

Item :	R-6701 _ 1 st & 2 nd Claus Reactor	R-6802 _ Reduction Reactor
Content :	Process Gas	Tail Gas
Position :	Horizontal	Horizontal
TL - TL (m):	9,4	6,1
Internal Diameter (m) :	3,4	3,2
Weight (tns) :	27,24	18,97
Capacity (m ³) :	95,5	57,5
Design Code :	ASME VIII Div. 1 / PED 97/23/EC	
Design Pressure (bar g) :	5,0	5,0
Design Temperature (°C) :	380	410
Shell Material :	A 516 Gr 60 – 14mm	A 516 Gr 60 – 15mm
Third Party Inspection :	Lloyd's S.A.	