

‘CONSTRUCTION OF ONE COLUMN WITH TAG NUMBER C7102’

Client / End User : Technipetrol Hellas S.A. (subsidiary of Technip Italy) / Motor Oil Hellas Corinth Refineries S.A.

Year : 2009

Work Description :

Performance of mechanical calculations. Issue of construction drawings in Autocad. Supply of materials. Tower manufacturing and welding in two pieces in EKME's workshop. Performance of all N.D.T.'s except hydrotest at EKME's workshop. Tower transport in two pieces to Thessaloniki Port. Assembly and welding of the Tower in one piece at the Port. Tower transport by ship to the Sulphur pier near M.O.H. refinery and transport by truck and delivery of the tower F.O.T. M.O.H. Refinery. CE marking of the Tower, according to PED 97/23/EC. Delivery of Inspection Book.

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

Item :	C-7102 _ Crude Fractionation
Content :	Hydrocarbons
Position :	Vertical
TL - TL (m):	51,31
Internal Diameter (m) :	4,50 / 3,00
Weight (tns) :	215,91
Capacity (m³) :	777,7
Design Code :	ASME VIII Div. 1 / PED 97/23/EC
Design Pressure (kg/cm²(g)) :	5,0
Design Temperature (°C) :	200/330/415
Shell Material :	A516 Gr 70 : Thickness : - 41+3mm clad AISI 317L - 36+3mm clad AISI 317L - 31+3mm clad AISI 316L - 22+3mm clad AISI 316L - 8+3mm clad Tp 926 - 18mm
Third Party Inspection :	Lloyd's S.A.

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