

## SUPPLY OF NEW HP AMINE ABSORBER C-7501 FOR MOTOR OIL REFINERY IN CORINTH

**Client / End User:** MOTOR OIL HELLAS S.A.  
Corinth Refinery

**Year:** 2016

**Short Project Description :**

Performance of mechanical calculations. Issue of construction drawings in Autocad.

Supply of materials.

Tower manufacturing (according to ASME VIII Div2) and welding in EKME's workshop.

Performance of all N.D.T.'s and hydrotest at EKME's workshop.

Sandblasting and painting, packing and marking.

Delivery DDP MOH Refinery of one new HP Amine Absorber.

Works were inspected daily by Lloyd's supervisor throughout the duration of manufacturing.

Project Duration : 6 months

**Tower Technical Data:**

<b>Item :</b>	<b>C-7501 _ H.P. Amine Absorber</b>
<b>Content :</b>	Wet H <sub>2</sub> S, H <sub>2</sub> & Amine
<b>Position :</b>	Vertical
<b>TL - TL (m):</b>	19.110
<b>Internal Diameter (m) :</b>	2.200
<b>Weight (tns) :</b>	124
<b>Capacity (m<sup>3</sup>) :</b>	78,4
<b>Design Code :</b>	ASME VIII Div. 2 / PED 2014/68/EU
<b>Design Pressure (kg/cm<sup>2</sup>(g)) :</b>	97,3/F.V.
<b>Design Temperature (°C) :</b>	115
<b>Shell Material :</b>	SA 516 Gr 60N (HIC) _ 84 + 3mm W.O. Tp 316L
<b>Heads Spherical :</b>	SA 516 Gr 60N (HIC) _ 45 (min a.f.) + 3mm W.O. Tp 316L, Seamless

*C-7501 HP Amine Absorber*



### *Strip Cladding Method*

