

## TOWER T-301

### TOWER T-301 ASSEMBLED WITH ITS INTERNALS & REPLACEMENT OF T-301 DURING REFINERY 2001 TURN AROUND

**Client/End User :** Hellenic Petroleum S.A. \_ Thessaloniki Refinery  
**Year :** 2011

**Work Description :**

Material procurement, design, fabrication, inspection, testing and preparation for, and delivery DDP Hellenic Petroleum Thessaloniki Industrial Complex of one tower with its internals designated T-301 Virgin Naphtha Debutanizer.

**Technical Data :**

<b>Tag No :</b>	<b>T-301</b>
<b>Content :</b>	Virgin Naphtha Debutanizer
<b>Position :</b>	Vertical
<b>Height :</b>	28.727 mm
<b>I.D. :</b>	2.286 mm
<b>Weight :</b>	47.000 kgs
<b>Capacity :</b>	121m <sup>3</sup>
<b>Design Code :</b>	ASME Sec. VIII Div. 1 / PED 97/23/EC
<b>Design Pressure :</b>	20,1 kg/cm <sup>2</sup> (g)
<b>Design Temperature :</b>	180/247 °C
<b>Shell material :</b>	A516 Gr 70 + Clad 316L _ 17+3mm
<b>Third Party Inspection :</b>	Moody Tottrup Hellas S.A.

Replacement of the existing tower by the one manufactured above because of high corrosion at various points during stress corrosion cracking test.

## TOWER T-301

