

## L.P. 1.1 LOW PRESSURE PRE-HEATER

**Client/End User :** Public Power Company (P.P.C.) \_ S.E.S. Kardia (Greece)

**Year :** 2002

**Work Description :**

Mechanical and Thermal Efficiency design, was carried out by EKME.

Installation by EKME during plant's shutdown, including measurement of operating parameters for Client's final acceptance.

3.1.c certification of main materials was according to EN 10204 3.1.c.

**Technical Data :**

<b>Unit :</b>	Unit 1 of Kardia S.E.S. 300MW Power Plant
<b>Designed according to</b>	AD Merkblätter (1994 Edition)
<b>Design Pressure &amp; Temperature :</b>	Shell : 2 bar/F.V. @ 100 °C
<b>Main Materials :</b>	Shell/Heads : A516 Gr 60
	Tubesheet : 17 Mn4 DIN 17155 A213 Tp 304L U-type, Ø16x1,2mm, L=10.400mm,
	Tube : 1.012 pcs

<b>Main Dimensions :</b>	Length	12.000 mm
	Int. Diameter	1.530 / 1.380 mm
	Weight	24.000 kgs

