

Date : 12/5/2014

CERTIFICATION

We hereby certify that the company **ET.M.ER. S.A.**, undertook and executed as a Contractor, on behalf of **HELLENIC PETROLEUM S.A.** in the Aspropyrgos Industrial Complex, the following project :

" TOTAL TUBE REPLACEMENT ON ECONOMIZERS GROUP I & GROUP II AT THE BOILERS K-1001 C/D "

Assignment date : 22/02/2011
Contract Nr. : 4403013251
Project budget : 302.000€
Completion date : 12/09/2011
Final cost : 273.121,85 €

Description of works

The project included the following main works:

Supply of all materials for tubes and supports, prefabrication of 36 coils for boilers K-1001 C/D, prefabrication of all supports of coils made of stainless steel.

On the spot opening of economizers, dismantling of old coils, mounting of new coils and connection with the existing tubes, quality control, hydraulic test at 80 bar, restoration and commissioning.

Tubes: Φ 38mm * 2.9mm thickness (ST35.8 / III DIN 17175).

Total welding joints: 993 pcs.

Total duration of the activities: 6,5 months. Turn around duration for the boiler K-1001 D 17 days and 14 days for the boiler K-1001 C.

The executed works, as they have been invoiced, amounted to: 273.121,85 € V.A.T excluded.

The above mentioned works breakdown as follows:

YEAR	CATEGORY	VALUE	TOTAL
2011	INDUSTRIAL / ENERGY	120.000,00 €	273.121,85 €
	HI-PRESSURE HYDRAULIC SYSTEMS	153.121,85 €	



**HELLENIC
PETROLEUM**

The execution of the project was utterly satisfying and promptly delivered.

This certificate was granted to the a.m. company after its request and for any lawful use.

**On behalf of
HELLENIC PETROLEUM S.A.**

Maintenance Manager of Aspropyrgos Refinery

**K. Mathenitis
Maintenance Manager of Aspropyrgos
Refinery**