

ΕΛΛΗΝΙΚΑ ΠΕΤΡΕΛΑΙΑ Α.Ε. Βιομηχανικές Εγκαταστάσεις Ασπροπύργου 17° χλμ. Π.Ε.Ο. Αθηνών – Κορίνθου

193 00, Ασπρόπυργος Τηλ. Κέντρο: 210 5533 000 Κεντρικό Fax: 210 5539298

www.helpe.gr

Date:/BEE

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 Elefsina Industrial Complex, the following project:

" OPENING / INSPECTION / CLOSING OF SPHERES AND BULLETS OF PROPANE / BUTANE "

Assignment date

22/04/2003

Contract Nr.

S-2933

Project budget

: 400.000€

Duration

: 6/2005

Final cost

702.505,93 €

Description of works

: The project included the following main works :

1. TK-67/68 & 113 Spheres and TK-71/72/116 & 117 Bullets

- Construction of internal and external scaffolds.
- Mechanical isolation.
- Sandblasting and painting of all internal seams and part of external ones.
- Local weld repair, including all related quality controls.
- Hydraulic testing and final restoration.

All these operations were performed on 3 2.000 m^3 and 3.000 m^3 spheres and 4 Bullets.

2. Piping works

- Product networks isolation.
- Replacement of product networks parts having diameter from ½" to 6".
- Hydraulic test.
- Sand blasting & painting.



All works were executed on sphere's SHUT DOWN maintenance works. The piping materials were supplied by HELPE .

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.

The Supervisor Engineer

AO. Filmac

The Legal Representative

ALEX PARGINOS SOUTH HUB OPERATIONS MANAGER

Α. ΠΑΡΓΙΝΟΣ