THESALONIKI REFINERY UPGRADE PROJECT _
MECHANICAL WORKS FOR EQUIPMENT & STEEL STRUCTURE ERECTION IN
CCR UNIT, INCLUDING
OCTANIZER HEATERS F-1401A/B/C &
STABILIZER REBOILER HEATER F1404

Client/End User : Hellenic Petroleum s.a. _ Thessaloniki Refinery (Greece)

Year : 2011

Work Description :

- **Steel Structures :** Assembling and erection of the following steel structures for Piperacks (10 items) & Plant structures (4 structures A, B, C, D).
  Total weight: 2.520.000 kgs
- **Mechanical Works :** Erection of mechanical equipment.
  In details:
  - 32 drums (254.000 kgs),
  - 4 heaters (78.950 kgs),
  - 20 heat exchangers (282.000 kgs),
  - 4 electrical heaters (4.500 kgs),
  - 1 fan (4.500 kgs),
  - 2 filters (4.800 kgs),
  - 16 chemical packages (14.500 kgs), also including platforms, ladders, interconnection piping and testing, 12 pumps (20.600 kgs), 2 dryers (24.000 kgs), 1 tower (60.000 kgs). Installation and testing of all internals (demisters, trays, shieves etc).

- **Heaters :** Assembly and erection of two (2) furnaces (heaters):
  - F1401 A/B/C (1.350.000 kgs)
  - F1404 (120.000 kgs)
Assembly and Erection of Compressors:
Assembly and erection of five compressor plants of total weight 530,000 kgs (9 compressing units).

Assembly and Erection of 2 Air Fins

Assembling and erection of bridge crane.

Commissioning – start up
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