

REFINING

# REFINERY GAS DESULPHURIZATION PROJECT

THE BAHRAIN PETROLEUM COMPANY  
(BAPCO)  
Kingdom of Bahrain



**COMPLETION  
DATE 2008**

## PROJECT DESCRIPTION

Purpose of RGD project was: removing sulphur from the Refinery Gas Streams, treating all sour water to meet government environmental legislation and meeting hydrogen sulphide specifications for selected streams for exporting of the LPG rich streams. The RGD project included:

- New Process Units
  - Sulphur Recovery Unit, 220 tons /d (4SRU)
  - Tail Gas Treating Unit (TGTU)
  - Sour Water Stripper Units (3&4SWS)
  - Olefinic Gas Treatment Unit (OGTU)
  - Low Flow Off Gas Stream treatment
- Revamp of existing DEA Unit
- Interconnecting and Tie-ins to existing SRU
- Modifications to existing utilities systems, infrastructure, sour water collection and supply systems

## FOSTER WHEELER ITALIANA SCOPE OF WORK

Engineering, material supply and construction on LSTK basis