



SAMREF

Project Title: SAMREF MAJOR TURNAROUND 2013 - YANBU

Client Name & Address: SAUDI ARAMCO MOBIL REFINERY CO. (SAMREF)

Location: Yanbu, KSA

Brief Description:

MAJOR PROJECTS:

- Reactor Shell Portion & Top Head Replacement.
 - Regenerator Cone Replacement
 - Modification in WBH to add Economizer
 - Extension of FRP Stack & its structure
 - Prescrubber cone material upgrade
 - Recirculation Standpipe Expansion Joint Inspection and replacement BOILERS (03 Nos.), EXCHANGER (13 Nos.), BURNERS/MUFFLE FURNACE (08 Nos.), DRUMS (05 Nos.), PSV's (63 Nos.), CONTROL VALVES (26 Nos.), PIPING WORK (32 Nos.)
 - Blinding of Equipments.
 - Opening of man ways
 - Removal of internals (Demisters, Packing, Distributor etc.)
 - Removal / cutting of associated piping.
 - Internal cleaning / Removal of sludge, cleaning by scrapers.
 - Repair as per inspection
 - Pre/Post Heat of weld joints wherever required.
 - Painting/Blasting work for inspection of weld joints.
 - NDT/inspection.
 - Removal / Cut the valves/Psv
 - Refix/Weld the valves
 - Box up & de blinding.
 - Removal, Supply, Re fixing of insulation
 - Assistance for start-up
- #### ELECTRICAL & INSTRUMENTATION WORK
- Removal & Re-fixing of instruments associated.
 - Pre-commissioning & Loop-Test

Man-hours (Direct / In Direct): 592,262 MHRS (Peak Manpower 894)

Contract Award Date: March 29, 2012

Project Commencement Date: March 12, 2013

Completion Date: April 23, 2013