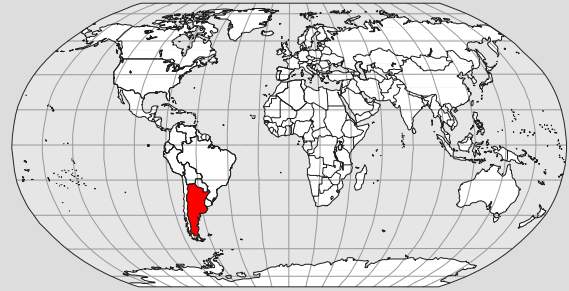


Project Profile

TOPPING & VACUUM FIRED HEATERS – SAN LORENZO REFINERY Rosario, Santa Fe, Argentina – PETROBRAS



Facilities

- Three Fired Heaters for Topping Distillation Units I, II & III.
- One Fired Heater for Vacuum Distillation Unit.
- Fuel Gas Combustions Skids.
- Control & Safety System.

Highlights

- Required tie-ins were analyzed in great detail to minimize downtime
- Construction performed next the operating plant
- Topping III Unit Fired Heater mounted in a plant free area.
- Existing Topping III Unit Fired Heater dismantled and foundation demolished.
- Vacuum Unit Fired Heater installed in Topping III Unit Fired Heater area.
- Revamp of Topping II Unit Fired Heater to Topping I Unit service.
- Pipe Racks revamp.
- New pipe Racks.
- Control Room Expansion.

Main Facts

- Consumed Hours
554.800 HH
- Employees
280 people
- Schedule: July 2005 – December 2006
(17 months)

Scope

- Engineering
- Procurement
- Fabrication
- Construction
- Commissioning
- Start Up Assistance



TOPPING I, II, III & VACUUM FIRED HEATERS – SAN LORENZO REFINERY, ROSARIO, SANTA FE, ARGENTINA – PETROBRAS

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