



CO FURNACE REPAIR

Project Case Study

OVERVIEW

LOCATION:
GULF COAST

PROJECT TYPE:
FURNACE
REPAIR

SECTOR:
ENERGY

INDUSTRY:
REFINING

Temperatures exceeding 1100 degrees F and flu gases had been detected around a manway door on the side of the furnace. After an inspection was completed, it was determined that the area around the manway was compromised due to internal refractory failure. Management could not remove the heater from service without shutting the unit down thus requiring an online repair. The repair design included fabricating and welding 1/4" plates to the existing structure. HRI also assisted with the pumpable refractory.

SERVICES PROVIDED

- Enclosed the affected area over and around a manway door.
- Assisted with pumpable the refractory.



SCHEDULING MANAGEMENT

HRI worked with client's Maintenance and Operations teams to complete repairs efficiently.

RESULTS

The project was completed safely, on time and on budget. HRI successfully installed the sections on the furnace side. By completing the repair on-line, the client was able to avoid a costly shutdown of the Unit and was able to return to normal production rates.

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