



FCC CROSSOVER DUCT WELD REPAIR

Project Case Study

OVERVIEW

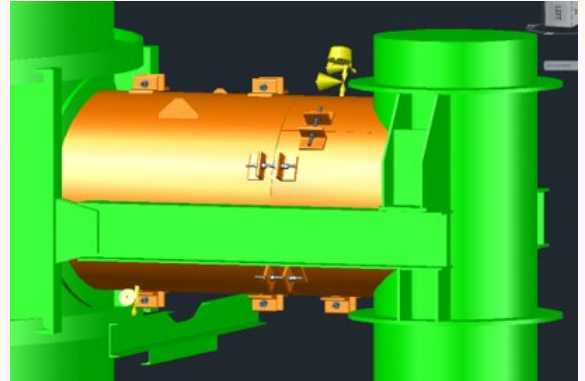
LOCATION:
GULF COAST

PROJECT TYPE:
FIN FANS

SECTOR:
ENERGY

INDUSTRY:
REFINING

Hot spots had developed on the Fluidized Catalytic Cracking crossover duct. The steel line operates internally at 1100 degrees F and is detrimental to the operation of the unit. The line failure will ultimately result in the shutdown of the unit. This would have a negative impact to production and involve a possible environmental issue.



SERVICES PROVIDED

The repair included fitting and welding an engineered encapsulation over the repair area while the unit remained in service.

SCHEDULING MANAGEMENT

HRI worked with client's Maintenance and Operations departments to install the new enclosure.

RESULTS

TIME AND REVENUE SAVINGS:
Shutting down the fluidized catalytic cracking unit would have financial losses to the owner and significant commercial impact as well as potential environmental impacts.

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