



SOOT BLOWER REPLACEMENT

Project Case Study

OVERVIEW

LOCATION:
GULF COAST

PROJECT TYPE:
FIN FANS

SECTOR:
ENERGY

INDUSTRY:
REFINING

HRI was contacted by a client with 7 non-operational Retractable Soot Blowers on their FCCU waste heat boiler and economizer. These non-functioning blowers were allowing soot to accumulate on the boiler tubes and causing increased operating temperatures. The client had already reduced production rates and was on the verge of shutting the unit down.

SERVICES PROVIDED

HRI developed a plan to remove and replace all 7 soot blowers while the FCCU was operational. The internal temperature and pressure of the unit was approximately 850° F and 1.0 psig.

Utilizing HRI's Heat Safe System, our technicians were able to safely remove and replace all seven soot blowers. In addition to replacing the soot blowers, HRI also inspected and repaired the steam lines, wall box seal assemblies, and other associated equipment.



SCHEDULING MANAGEMENT

HRI worked with the plant maintenance team to work on the soot blowers while the FCCU was fully operational.

RESULTS

The client was able to bring their operating temperatures back under control and avoid a costly, unplanned outage.

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