



CASE STUDY FOCUS

Refinery Maintenance Services

TESTIMONIAL

"The attention to detail and expert recommendations from Groome led our plant to realize significant savings and operational improvement.

We also appreciate Groome's ability to adapt to our unique situation and ensure work was completed in the timeframe that we requested."



CLIENT

Gulf Coast Refinery



BACKGROUND

A refinery outside of Houston looked to boost operational efficiency and reduce costs. The client looked to Groome to find innovative solutions to optimize plant performance and improve the bottom line.



OBJECTIVE

Groome was tasked to determine what services the client needed to ensure equipment was functioning at optimum capacity. Groome met with the client and observed plant operations and identified areas that needed attention. A scope of work was tailored for this client, taking in to account the unique needs of the plant.



SOLUTION

Groome determined that best way to improve operational efficiency was to thoroughly clean the furnace and surrounding equipment using the ice-blasting method. When plant conditions required that the professional cleaning services take place off-site, Groome made a smooth and streamlined adjustment to the change. The Groome team bundled all needed services and ensured work took place during the plant's scheduled downtime.



RESULTS

The refinery realized a 37% increase in production due to cooler running conditions. There was a nine-inch decrease in backpressure (from 29 to 20 inches), which also resulted in improved performance. Groome's cleaning and maintenance services maximized the furnace's efficiency and lifespan, thereby improving plant operations and the client's ROI.