

# THE **BIG PICTURE**

## “TIGHT QUARTERS” TURNAROUND

As the embedded maintenance contractor at Huntsman, a Gulf Coast petrochemical facility, Turner Industries leveraged multiple division resources to complete a challenging turnaround on time and under budget, with ZERO recordables.

Turnarounds requiring both maintenance and capital work to be done simultaneously increase the degree of difficulty of the job. Turner’s planning began five months prior to start date, using proprietary, state-of-the-art planning and scheduling systems. These systems, along with the veteran management team, gave the client confidence that the project and all its components could be completed as scheduled and planned.

The ethylene unit is slated for a turnaround every five years for equipment inspection, turbine overhaul and capital project upgrades. The job scope involved opening, cleaning and inspecting towers, drums and exchangers. At the same time, a major revamp was performed on the unit’s compressors, acoustic emissions testing was completed on several towers, and major piping modifications were made. Working with Turner’s Turnaround Division were its Equipment Division and Specialty Services groups providing the pipefitters, boiler makers, heavy equipment, exchanger cleaning, bolt torquing, scaffolding, insulation, field painting, specialty welding, and chemical cleaning.

“Tight quarters within the unit, as well as having only one way in and one way out, produced the biggest challenge to safe project execution,” said Donnie Junot, Turner project manager. “Safety meetings held before each and every shift kept safety a top-of-mind priority for everyone involved.”

The turnaround, which lasted six weeks, peaked with 540 employees who worked a total of 170,000 hours with ZERO recordables. Team atmosphere, coordination and communication with both the client and all participating Turner divisions, contributed to the success of the project.



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