



GMTS FCCU Maintenance/Revamp

PROJECT TYPE: Refinery Turnaround

WORK SCOPE:

Global Mechanical Turnaround Services (GMTS) was selected to plan and execute a major mechanical maintenance/revamp project on the fluidized catalytic cracking unit (FCCU) for a refiner in Texas, which included an orifice chamber replacement, riser line replacement, venturi sweeps replacement and a CO boiler replacement. The Venturi sweeps were fabricated at the GMTS fabrication shop. The refractory and painting of the items were coordinated internally and completed in house. The scope also included replacing multiple expansion joints, slide valves, various repairs on other vessels, drums and valves in an around the unit. GMTS' piping team successfully installed multiple piping packages in the FCCU and other units in the refinery. The project included 3 months of pre-turnaround work culminating with an aggressive turnaround schedule.

In addition, GMTS was responsible for all the lift and rigging design/planning along with coordinating the lifts with the crane contractor. All lifts went were executed at the highest level of safety without incident.

KEY PROJECT FACTS:

- Over 35,000 man-hours
- Zero recordables
- No leaks at startup
- Productivity factor over 0.93
- Peak manpower 140
- Less than 1% weld rejection rate

GMTS also coordinated all third-party subcontractors to provide seamless support to the client to ensure the schedule was supported and maintained. For more information about any of the items or details listed above, please contact Jason Neiser at 281-636-0535.

