



GMTS FCCU Maintenance/Revamp

START DATE:	November 2021
END DATE:	February 2022
PROJECT TYPE:	FCCU Turnaround
CLIENT/SITE:	Valero/Wilmington, CA

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 refinery in Southern California. The project included the replacement of reactor diplegs, regenerator air grid through a door sheet, and replacement of a 6-foot section of bulged reactor riser line. The scope also included replacing multiple slide valves, and various repairs on other vessels, drums and valves in an around the unit.

GMTS's piping team successfully replaced 400-feet of flare line in FCCU and other units in the refinery. The project included 2 months of pre-turnaround work, culminating in 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 78,000 man-hours
- Zero recordables
- No leaks at startup
- Productivity factor over 0.94
- 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 Keenan Sain at 903-733-7931.

