



GSCS FCCU Maintenance/Revamp

PROJECT TYPE: Refinery Turnaround

WORK SCOPE:

GSCS was selected to plan and execute a major mechanical maintenance/revamp project on the reactor portion of the fluidized catalytic cracking unit for a West Coast refinery. The project included major work on the primary and secondary cyclones in the vessel. GSCS coordinated with the refractory contractor to provide seamless support to the client, ensuring the schedule was maintained.

GSCS successfully replaced all dust bowls and dip legs via door sheet access points utilizing proprietary techniques. Other significant scope items included replacing the spent catalyst line, as well as the unit's major slide valve. GSCS also completed various repairs on other vessels, drum and valves.

In addition to the replacements and repairs, GSCS was responsible for the lifting and rigging design/plan, along with coordinating the lifts with the crane contractor. All lifts were executed at the highest level of safety without incident.

KEY PROJECT FACTS:

- Over 65,000 manhours
- Zero safety incidents
- No leaks at startup
- Productivity factor over 0.95
- Peak manpower of 160
- Less than 1% weld-rejection rate

For more information about any of the details listed above, please contact Jason Neiser at (281) 636-0535.

