

Valero Memphis

The Big Fix of 06



The Valero Memphis project included the FCCU and other plant turn-around work for AltairStrickland and associated companies. Turnaround Welding Services performed over 4,000 welds.

AltairStrickland crews serviced over 100 heat exchangers and 30 drums. We removed the existing trays and packing in three columns including the main column and replaced them with new trays and packing. Our association with ACS Industries was critical to this undertaking. ACS provided consignment trailers and emergency parts. At completion, AltairStrickland had worked on a total of ten columns.

Here are some more details of the project:

- Demolished 8 finfan banks and replaced with 9 finfan banks, which required structural and piping changes.
- Replaced overhead vapor line
- Replaced feed riser
- Extensive slide valve repairs
- Replaced flue gas slide valve
- Replaced steam generator
- Replaced 2/3 rounds of orifice chamber
- Replaced internal riser expansion joint
- Modifications to stripper
- Replaced regenerator and reactor trickle valves
- Extensive repairs regenerator VSS chamber
- Misc. repairs on wet gas scrubber
- Replaced wet gas compressor

Total Valero Memphis Project Statistics:

- 260,000 Man-hours
- Turnaround Welding Services and AltairStrickland peaked at 470
- CertifiedSafety Specialists provided safety services
- Weld rejection rate less than 0.5%
- ZERO leaks on startup
- ZERO Recordables

