



PUGET SOUND REFINERY FCCU REVAMP & TAR

CLIENT - Shell

LOCATION - Anacortes, WA

COMPLETED - 2019

DESCRIPTION

Matrix Service completed the 2019 FCCU revamp and turnaround for Shell at the Puget Sound Refinery. The project included over 168,000 manhours; peak manpower was 178.

PRINCIPAL FEATURES

Pre-Turnaround:

- Fabricate new Regen head and cyclones
- Fabricate new RX head and cyclones with upper plenum attached
- Fabricate new Regen air-grid
- Fabricate & install 300' of 600# steam piping
- Fabricate & install 1,430' of Regen & RX piping
- Air grid removal & replacement
- Refractory repair on shell
- Complete refractory repair on 6 cyclones

Turnaround - Regenerator:

- Hydro-cut and remove Regen OH line for re-use
- Hydro-cut and remove old Regen head
- Hydro-cut and remove spent cat inlet pipe and air grid
- Install new air grid and spent cat inlet pipe
- Install new Regen head and cyclones
- Install Regen OH line
- Tie in Regen and steam piping

Turnaround - Reactor:

- Hydro-cut and remove RX OH line for re-use
- Hydro-cut and remove old RX head, shell and dragon head
- Install New RX head, shell and dragon head
- Install RX OH line
- Tie in RX and steam piping

FOR MORE INFORMATION:

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