



CLIENT -

LOCATION - AUSTIN, TEXAS

COMPLETED - 2017

## DESCRIPTION

Major project for the 201 FCC  
regeneration system. The project  
includes the removal of the existing  
plenum and the installation of a new  
plenum for 16,000 m<sup>3</sup> of spent  
cat. The project also includes the  
removal of the existing air grid.

## PRINCIPAL FEATURES

Project features include:

- 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

Regeneration System

- 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

Regeneration System

- 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



**MATRIX SE**