BASF
We create chemistry

ChemCat Refining Asset Highlight *Calcination*

Chemical Processing Limits:

- Ability to process most catalyst support material (Alumina, Silica, Zeolite)
- Able to run both Base & Precious metal containing catalysts
- Specific ingredients are limited and mainly driven by annual processing limits (PBR); projects reviewed on a case-by-case basis
- Calciner is connected to Scrubber to manage environmental off-gas concerns

Operational Limits:

- Max/MinTemperature Range – 1020°F-1750°F (550°C-950°C)
- Optimal Temperature Range – 1550°F-1700°F (840°C-925°C)
- Flexible resonance/material flow rate and air control
- In-process chemical reduction is **not** possible

Physical Specifications:

- Calciner Retort (Tube) - 4ft Diameter x 20ft Length
- Six (6) temperature control zones
- Ambient air feed with option to increase O_2 feed

CHWMEG Listed & HSM Authorized

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