2400 TPD Sulfuric Acid Plant for Sale

Capacity: 2,400 TPD
- Can operate as low as 960 TPD

Technology: Lurgi
- Double-Absorption Type Sulfuric Acid Plant

Year Built: 1999

Product Concentration
- 98.5-99.5% Sulfuric Acid
- Sends less than 300 ppm of SO2 out exhaust stack
- Also includes a 150 TPD Oleum Plant (103% Sulfuric Acid)

Major Equipment
- Converter
- Absorbers
- Drying Tower
- Economizer
- Reheater
- Boiler
- Vapor Separator
- Sulfur Combustor
- Steam Turbine Generator
- Absorber exchangers
- Sulfur filter
- Sulfur Melting Tank

BRIEF PLANT DESCRIPTION

This sulfuric acid plant was in operation for 10 years before shutting. The plant consumes 0.33 mt of sulfur per mt of sulfuric acid (100% basis). Electricity usage is 37.5 kW per mt of acid. Approx. 1.4 mt of 60 bar steam is produced per mt of sulfuric acid, equivalent to 135 mt/hr of steam. The plant has its own utility facility including auxiliary boiler (60 ton/hr of steam), steam turbine generator (15 MW, Siemens), transformers (7 MW each). Full documentation, PFDs, P&IDs, operating procedures, process control logic, and equipment files, are available. Plenty of spare parts are available. Phoenix can also offer a Phosphoric Acid Plant – see Plant #362.

CONTACT US FOR MORE DETAILS