

New Plant Project Overview

Client: Sulphuric Acid Plants - Nickel and Cobalt Mining Enterprise

Plant Type: Two Sulphur Burning Plants

Plant Configuration: Double-Absorption Plants

Location: Madagascar

Plant Capacity: 2,750 MTPD per Plant (as 100% w/w H₂SO₄)



Summary

NORAM engineered two complete sulphuric acid plants and supplied key proprietary equipment.

Equipment Designed

2007-2012

- Sulphur Furnace
- Sulphur Guns
- Stainless Steel Converter
- RF™ Radial Flow Hot Interpass Heat Exchanger
- RF™ Radial Flow Cold Interpass Heat Exchanger
- Drying Tower & NORAM HP™ Ceramic Saddles
- SMART™ Acid Distributor for Drying Tower
- Interpass Tower & NORAM HP™ Ceramic Saddles
- SMART™ Acid Distributor for Interpass Tower
- Final Tower & NORAM HP™ Ceramic Saddles
- SMART™ Acid Distributor for Final Tower
- Circulation Acid Cooler A
- Circulation Acid Cooler B
- Circulation Pump Tank
- Final Acid Cooler
- Final Tower Pump Tank

Engineering Work

- New Plant Design and Specification
- Process Design
- Mechanical Design of Equipment and Ducting
- Engineering Services, Inspection Services, Site Services, etc.