

Xstrata (MIM)



\$100 Million Acid Plant Gas Handling Project

Fast Facts

Customer:
Xstrata (Mount Isa Mines)

Location:
Mt. Isa, Qld, Australia

Project:
\$100million Acid Plant Gas Handling – Control System Conversion and Upgrade.

Date:
1999 - 2000

Plant Details:
Produces 180000 tonnes copper concentrate. The company's four mines form one of the largest underground mining operations in the world.

Control System:
Yokogawa CS3000



Project Overview:

Brownfields project covering design, installation and commissioning of off-gas handling, acid neutralisation and copper recovery circuits associated with Copper Smelter off-gas feed to a new Sulphuric Acid plant.

MIPAC Scope:

- Design, installation supervision and commissioning of instrumentation and control system
- Re-design, installation and commissioning of control system for existing Pierce Smith Copper Converters
- Training of site personnel on new control system

Technical Highlights:

- Conversion of existing controls from Yokogawa μ 1 to CS3000
- Interfaces required to other party's Centum CS controlled Acid Plant
- Cutovers and conversions required amongst operating plant

Results:

- Project completed successfully in arduous, brownfield environment without lost production or safety incidents
- Controls upgraded from Yokogawa μ 1 to CS3000



Last updated: Feb 2010