MIPAC

PROJECT PROFILE

Advanced Control Project to Upgrade Flotation Circuit

Customer

Kalgoorlie Consolidated Gold Mines

Location

Kalgoorlie, Australia

Plant Details

The Super Pit

Project Overview:

The purpose of this project is to evaluate ultra fine grinding (-10 micron) of sulphide concentrate prior to gold leaching, using ISAMILL™ fine-grinding technology. The reason for using this technology is to eliminate the need for roasting sulphide concentrates and the associated environmental issues.

MIPAC Scope:

- Commissioning and tuning grinding control loops and strategies.
- Review and modification of control strategies as required.
- Training process operators.

Project Highlights:

- Successful ISAMILL™ power draw control.
- Thickener inventory control.
- Leaching pH control.