Foxleigh Mining – Foxleigh CHPP

Client
Foxleigh Mining Pty Ltd

Country
Australia

Mineral Type
Coal

Services Provided
- CHPP Design
- EPC/M Project Delivery

Highlights
- Design and engineering of a single module DMC with fine coal processing utilising TBS and flotation processes.
- EPC/M of new CPP and coal handling facilities with remote product stacking and TLO.
- 540 t/h plant design throughput completed 2006.

Overview
A new 540t/h CHPP consisting of a raw coal dump hopper, feeder breaker, ROM crushing station, processing through dense medium cyclone, a TBS plant, a flotation plant and product handling system.

Project Challenges & Solutions
The CPP was required to process oxidised coal in addition to the regular feed stocks. The design allowed the flotation circuit to be bypassed and provided additional flocculent addition facilities to cater for the oxidised coal.
Design also incorporates a CPP bypass facility whereby crushed coal could be simply directed to product.
An innovative truck loading facility and control system was developed to automatically load road train haulers without operator intervention.

Value
Approx. $55 M project.

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