



Coal Handling and Preparation Plant Installation

DAUNIA MINE, QUEENSLAND

PROJECT OVERVIEW

CLIENT: Sedgman Limited
PROJECT OWNER: BHP Billiton Mitsubishi Alliance (BMA)
DURATION: Nov 2012 - Nov 2013
ENVIRONMENT: Greenfields
PEAK MANNING: 170 people

Opened in 2013, Daunia Mine located in Queensland's Bowen Basin produces approximately 4.5 million tonnes per annum (Mtpa) of coal with an expected 30 year life.

G&S was engaged to undertake the Structural, Mechanical, Piping and Electrical Instrumentation (SMP&EI) installation of the Coal Handling and Preparation Plant (CHPP) including:

- ROM bin including feeder breaker;
- Raw coal sizing station including secondary sizer, roller screen and tertiary sizer;
- Two product processing system; spirals and microcel flotation;
- Rejects disposal system including coarse rejects bin and separate rejects belt press filter building;
- Two thickeners – welded type;
- Two radial stackers;
- Coal valves product reclaim via four coal valves; and
- High voltage and Electrical and instrumentation installation.

We supplied all construction equipment, crange, supervision and labour required for the project including commissioning support labour spanning pre-commissioning through to wet commissioning and handover.

All plant was delivered on time, without any injuries.

