



Above Isaac Plains coal mining operation



Validate and optimise the existing asset management functions

The Isaac Plains Coal Mine is located approximately 7 kilometres south east of the town of Moranbah in the Bowen Basin region of central Queensland. The open cut mine deposits provide the plant with a combination of metallurgical coal and thermal coal for processing.

Ausenco Rylson was engaged to validate and optimise the existing asset management and maintenance functions at Isaac Plains Coal Handling and Processing Plant.

The validation stage assessed the processes, plans and systems in place and identified areas of opportunity for the business through optimisation and the removal of non-value adding activities.

Project value delivered

- An up skilled workforce due to the additional training requirements identified and delivered to support the improvement project

- An optimised maintenance strategy with a reduced dependency on contract labour
- A structured and unambiguous Work Management System that includes effective and efficient long and short term planning and scheduling
- A cost management system that is transparent and synchronous with the Maintenance Strategy, business context and operational forecasts
- Key Performance Indicators that allow processes to be managed and variances to be identified and resolved
- Full Life Cycle Support for current and future assets of the Plant
- Business sustainability and increased return on investment.

Project cost value delivered

The project delivered a cost reduction of over 14% for the operational maintenance budget.

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Location

Queensland, Australia

Business stream

Optimisation

Client

Isaac Plains Coal Management Pty Ltd (IPCM)

Timeframe

2012

Contract type

Optimise

IPCHPP