



Kooragang Throughput Improvement Consulting

PROJECT LOCATION

Kooragang Coal Terminal, New South Wales, Australia

PROJECT CLIENT

Port Waratah Coal Services

PROJECT SUMMARY

The scope of the engagement was to increase coal handling throughput by identifying production optimisation opportunities. The approach was essentially systems focussed - by means of a published study recommending changes in control systems philosophy and implementing Manufacturing Execution Systems (MES).

BUSINESS IMPROVEMENTS

The recommendations were aimed to achieve the following:

- Capacity maximisation through enhanced systems and processes
- Minimisation of ineffective manual operations
- Better planning and operational activities leading to uncovering hidden potentials

PROJECT SCOPE OF WORK

- Current state analysis
- Identification of potential production optimisation opportunities and relevant recommendations
- High level indications of changes required in control systems, and the proposed MES layer applications
- Business benefit estimation
- Implementation directives

ABOUT CALIBRE CONTROLS

Calibre Controls is an industrial automation specialist, providing clients with 'intelligent production' control and information management solutions for optimal plant throughput and 'increased asset utilisation'.

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