



Birla Nifty Operation Engineering Support

PROJECT SUMMARY

Nifty Copper Mine is located in the Great Sandy Desert region of the eastern Pilbara in Western Australia, approximately 1,250km north of Perth and 350km east of Port Hedland. Nifty is currently capable of producing 25,000 tpa of copper cathodes, with overall copper production of about 60,000 tpa including concentrate.

PROJECT CLIENT

BIRLA NIFTY OPERATION (ADITYA BIRLA MINERALS LTD)

"I would like to take this opportunity to thank you for the professional approach that has been presented by your staff and their ability to help us out over the last few months."

MARK HOWLETT

SITE ELECTRICAL SUPERINTENDENT

BUSINESS IMPROVEMENTS

During 2008, Calibre Controls provided engineering support to improve the operation of the underground system and processing plant. This was achieved through:

- Shift-based reporting on production rates and down time
- Alarm reporting and analysis
- Development of Citect and Concept training packages for site electricians
- Control of feed rates to balance underground crushing rates with Mill capacity
- Improvement in fault response times through clarity of HMI displays and meaningful alarm text
- Identification and rectification of deficiencies in HV drive protection systems
- Improved copper concentrate processing capability through additional On Stream Analysis

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'.

For further information, please contact Calibre Controls on +61 8 9488 7200 or info@calibrecontrols.com.au

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