



## Worsley Efficiency & Growth

### PROJECT LOCATION

South West, Western Australia

### PROJECT CLIENT

Bechtel

### PROJECT SUMMARY

Calibre Projects was engaged by Bechtel Pty Ltd to provide engineering and technical support services over the various phases of the Worsley Efficiency & Growth project.

Worsley Alumina is increasing production at its refinery to 4.6 million tonnes a year. The expansion is based on a \$2.5 billion construction project to upgrade the capacity of mining and refinery facilities at Boddington and Worsley.

The Efficiency & Growth Project will establish Worsley as the biggest and most efficient alumina refinery in the world.

To date, Calibre has added significant value to the project in the following areas;

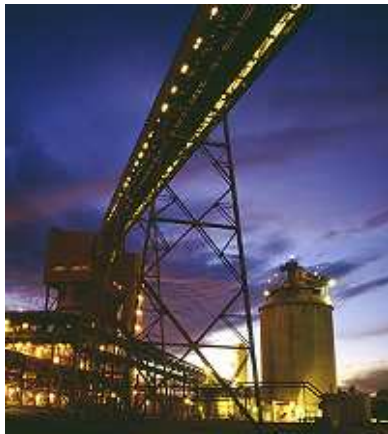
- Provided alternative design in facility 024 – Milling & Grinding reducing two conveyors, two chutes and a dust collector.
- Alerted Bechtel and operations to various constructability and maintainability issues in Facility 015 – Stockyard and Facility 051 – Train Load Out.
- Guided Bechtel on the interface requirements at Facility 410 for the new Marradong Mine Feed.
- Assisted Bechtel in identifying a supplier for a proposed Radial Stacker at Facility 410
- Created a sophisticated live stockpile capacity model for Facility 410.

Detailed engineering will run to the end of 2008 with Calibre Projects providing construction support on the project at the end of 2010.

### ABOUT CALIBRE PROJECTS

Calibre Projects is a results focused engineering consultancy providing engineering, procurement and construction management services to the resources industry.

For further information contact Calibre Projects on +61 8 9488 7270 or [info@calibreprojects.com.au](mailto:info@calibreprojects.com.au)



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