



KWINANA AND PINJARRA REFINERIES

BOOM

PROJECT SCOPE:

Alcoa are the world's leading producer of alumina. With installed refinery capacity of 17 million metric tons per year, Alcoa currently operate six refineries in Australia, Brazil and Spain, and have a 25 percent share in the refinery that is part of our Ma'aden joint venture in Saudi Arabia. Alcoa's three-refinery operation in Western Australia is the world's biggest single source of alumina, able to supply eight percent of the global market.

BOOM provide all supervision, labour, equipment and ancillary equipment necessary for the provision of mobile crane and lifting services for Alcoa's Western Australian operations.



SNAP SHOT:

Project:

Kwinana and Pinjarra Refineries

Client:

Alcoa

State:

Western Australia

Region:

Kwinana and Pinjarra

Market sector:

Industrial Maintenance

CHALLENGES:

- Difficult to manoeuvre throughout the refineries due to space and height constraints
- Operating in a live processing and refinery environment
- Work planning schedules which are subject to change
- Operating within a large contractor interface

CLIENT BENEFITS:

- Operator familiarisation of refineries
- Lift data capture via tablets to monitor crane usage efficiency
- Fast response times for non planned works
- Embedded cranes on site

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