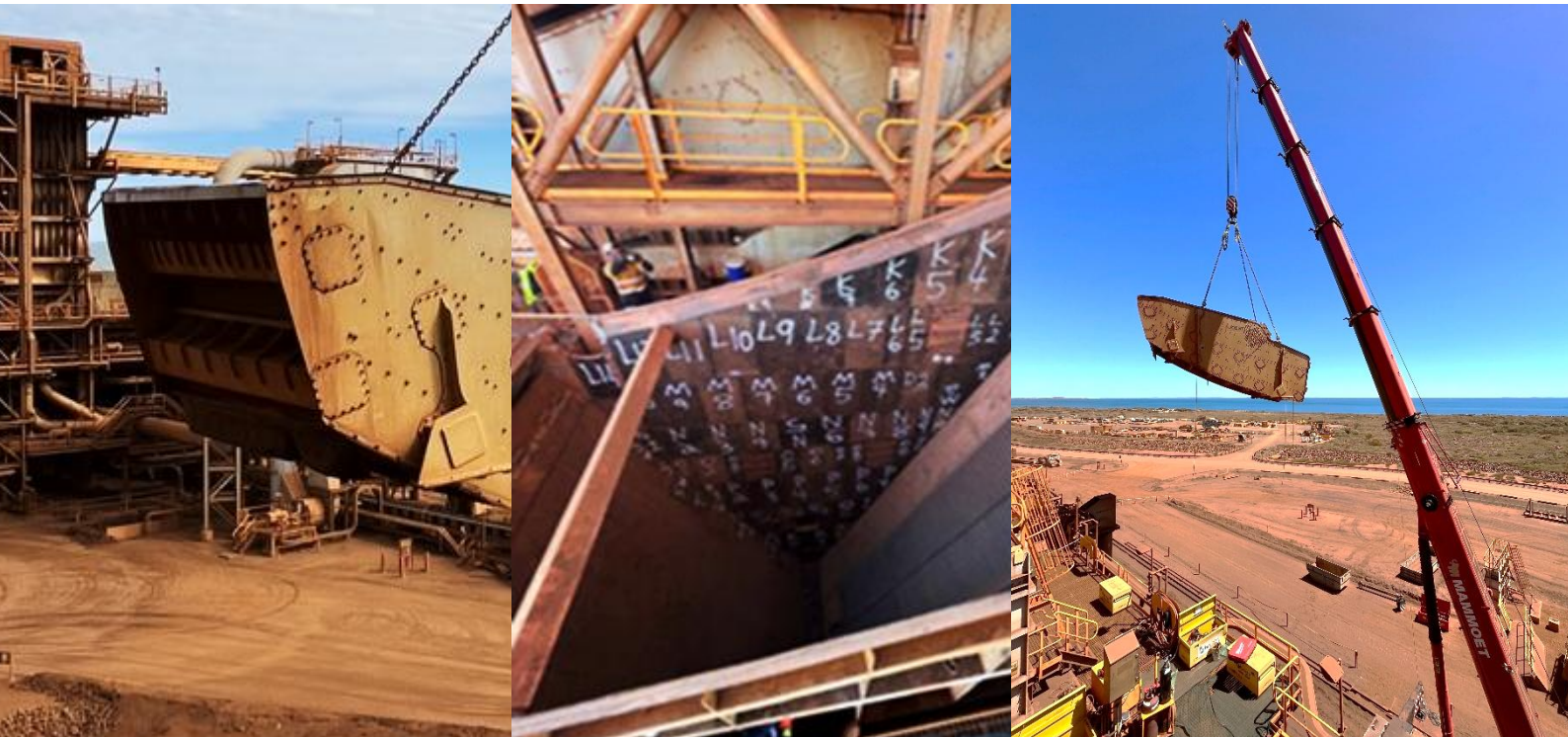


Screen House Upgrade



Bright Group was engaged to upgrade the Screen House at Rio Tinto's Cape Lambert site, replacing liners and completing structural repairs across six screens while working to a strict shutdown schedule and maintaining the highest safety and quality standards.

Scope of work

The scope of work required us to deliver a comprehensive upgrade of the Screen House at Rio Tinto's Cape Lambert site. This included replacing worn liners and completing structural repairs across six screens, all within a strict 8-month shutdown schedule. Works involved the removal of rotatable chutes, replacement of liners, structural repairs to beams using Rope Access technicians, and reinstatement of equipment. Non-destructive testing (NDT) was carried out to confirm the quality and integrity of the repairs before full commissioning.

The project required us to plan and execute all tasks with precision to ensure safety, efficiency, and compliance with client requirements. All works were completed within the scheduled timeframe, supported by comprehensive quality documentation and reporting. The upgrade was delivered without incident, reflecting our commitment to safe, high-quality outcomes and our capability to execute complex maintenance in challenging environments.

Overview

CLIENT

Rio Tinto

LOCATION

Cape Lambert, Western Australia

SERVICES

SMP, Rope Access

CAPABILITY

Project Services, Planning

INDUSTRY

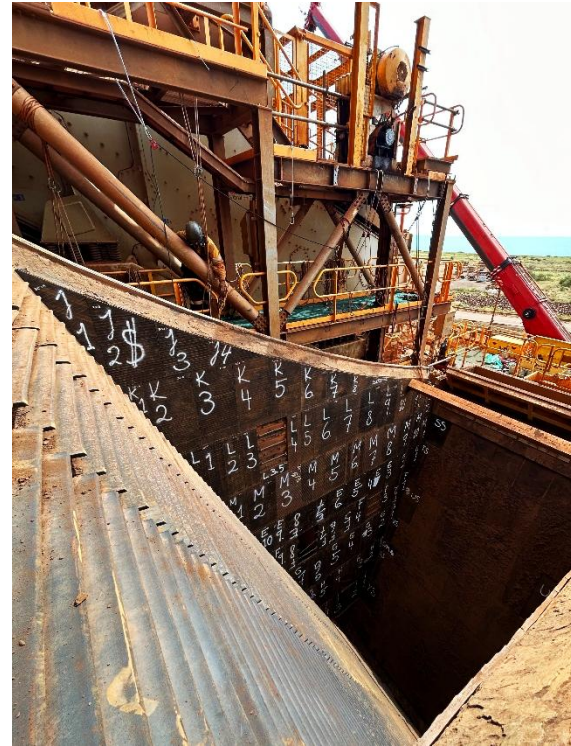
Mining and Resources

PROJECT VALUE

\$4 million

Key activities completed

- Removal and replacement of rotatable chutes and worn liners
- Structural repairs on beams using Rope Access technicians
- Non-destructive testing (NDT) to verify work quality
- Reinstatement of chutes and system commissioning
- Comprehensive quality documentation and final sign-off
- Successful completion of the project within the time constraints and with zero incidents



Safety initiatives

Safety was a key focus throughout the Screen House upgrade, with zero incidents recorded over the 8-month shutdown. Daily pre-starts reinforced critical risks such as working at heights, falling object hazards, and line of fire awareness, while Rope Access activities were carefully planned and monitored to maintain control in challenging work fronts. Strong emphasis was placed on JHA compliance, housekeeping, and effective communication across teams, ensuring all worksites were not only safe during operations but left in an improved condition upon completion.

Points of difference

By providing comprehensive quality documentation, we ensured full transparency and delivered the project to meet all client requirements with confidence.

We implemented non-destructive testing (NDT) throughout the project to verify the integrity of all work, ensuring the highest standards of quality and reliability were achieved.

Using our custom-based software Outalay, we ensured all work was meticulously planned and executed within the specified timeframes, maintaining efficiency and project control.

“We completed the Screen House upgrade at Cape Lambert safely, on schedule, and to the highest quality, demonstrating their reliability and expertise in mining projects.”

Operations Manager, BRIGHT Group