

Conveyor Belt Replacement



Bright Group replaced the CV006 conveyor belt at Cloudbreak by providing specialised access, scaffolding, and a 6.5-tonne press, coordinating closely with site maintenance to complete the shutdown safely, efficiently, and with minimal disruption.

Scope of work

Bright Group was tasked with replacing the conveyor belt on CV006 at the Cloudbreak site. This project required specialised support for accessing the belt and utilising a 6.5-tonne press for the replacement. The work was performed in close coordination with the site maintenance team to ensure minimal disruption to operations.

The project began with the Bright Group maintenance team erecting scaffolding before the shutdown period, ensuring safe and efficient access to the conveyor system. Once scaffolding was in place, the Bright Group shutdown team took over, craning the new conveyor belt into position and securely tying it into place. After the splice was completed, the team then untied the belt, craned it out, and ensured that all equipment was safely dismantled.

Once the shutdown period concluded, the site maintenance team took over the final dismantling of any remaining components. Bright Group ensured the entire process was carried out safely and efficiently, adhering to the client's timelines and operational standards.

Overview

CLIENT

Fortescue

LOCATION

Cloudbreak, Western Australia

SERVICES

Scaffolding, Mechanical

CAPABILITY

Maintenance

INDUSTRY

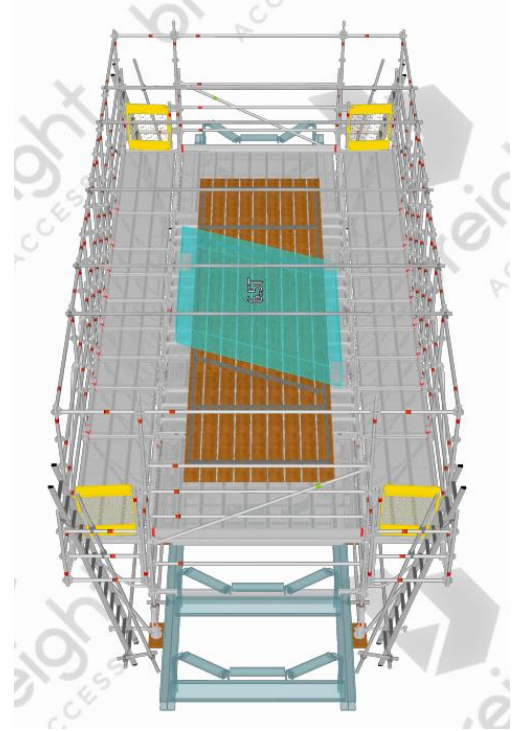
Mining and Resources

STATUS

Completed

Key activities completed

- Erection of scaffold by Breight Group maintenance team prior to shutdown
- Craning and tying into position by Breight Group shutdown team
- Splicing of the conveyor belt and final craning out
- Dismantling of equipment post-shutdown by site maintenance team
- Successful completion within the shutdown period with minimal disruption to site operations



Safety initiatives

We implemented a range of safety initiatives to protect our people and maintain the highest standards on site. Exclusion zones were established to control access, fall prevention and rescue plans were put in place, and dropped object controls were strictly applied. All scaffolding was erected to AS 1576.1, with correct lifting and manual handling techniques enforced, and components carefully passed by hand to eliminate risks.

Points of difference

Our scaffold was designed to sit directly over the roller frames and system, a smarter approach that significantly reduced setup time and improved efficiency.

We maintained safety on the job by carefully checking that dropped object prevention systems were adequate and effective at all times.

On this job, we went beyond standard practice by maintaining 100% hook-up at all times, even when using 1m lift techniques for scaffold erection and dismantling.

“The entire process was carried out by the team with impressive efficiency and thorough attention to detail from start to finish.”

Operations Manager, Breight Group