

Shuttle Replacement



Bright Group successfully delivered the CV4 shuttle replacement at Newmont's Boddington site, replacing shuttle rails and the drive module while overcoming weather challenges to complete the project safely, efficiently, and with minimal disruption to operations.

Scope of work

We successfully completed the CV4 shuttle replacement at Newmont's Boddington site. The scope included replacing shuttle rails over bins and shuttle sweeps, requiring careful planning and execution across multiple shifts.

Our team managed challenges such as weather delays and high winds, adjusting plans to maintain momentum. Old rails, grease lines, and hold-down bolts were removed, and the shuttle drive module was lifted and replaced with minimal disruption to operations.

Despite delays, productive use of downtime kept the project on track. The works were completed safely, efficiently, and incident-free, in line with the agreed schedule.

Overview

CLIENT

Newmont

LOCATION

Boddington, Western Australia

SERVICES

Structural, Mechanical and Piping

CAPABILITY

Maintenance, Planning

INDUSTRY

Mining and Resources

PROJECT VALUE

256 Hours (\$150,000)

Key activities completed

- Scoped work area and completed JHAs and documentation
- Set up tarped storage area for tool protection against weather
- Removed and cut rail clips over bins 3 and 4
- Successfully lifted shuttle drive module out and replaced it
- Installed new 12-meter rails on both the east and west side
- Replaced damaged ladder bracket and completed welding work
- Cut, fitted, and aligned new rails, ensuring proper fit with fish plates
- Completed rail sweeps and reinstalled all components
- Repositioned fire suppression lines and replaced damaged sprinklers
- Demobilised all equipment and completed final checks on the shuttle system



Safety initiatives

Safety remained the highest priority throughout the shuttle replacement, with zero incidents and full compliance to all procedures. Daily pre-starts reinforced critical risks such as crane operations, working at heights, and changing weather conditions, while JHAs were continually reviewed to match evolving site constraints. Crews demonstrated strong safety leadership by maintaining clear communication during lifts, managing exposure to high winds, and keeping work areas organised to minimise hazards. A proactive focus on teamwork and housekeeping ensured the project was delivered without compromise to safety standards.

Points of difference

When weather delays impacted crane lifts, our team adapted plans to continue critical tasks, keeping the project on track without compromising safety.

By placing strong emphasis on scoping and documentation at the beginning, we set the project up for success before commencing anything.

Clear communication between shifts and careful upfront planning ensured seamless execution of this complex project.

“The team showed great planning and flexibility to deliver a complex shuttle replacement safely, on schedule, and with minimal impact to operations.”

Maintenance Supervisor, Bright Group