



## WEEK 45 TURNOUT RENEWAL

# PROJECT PROFILE

November 2018

### Detailed Scope Overview

RMC Rail was engaged by Rio Tinto to conduct a major turnout renewals at DO22 and DO27 in November

Replacement of Stock Rail and Blade, Curve Leads, Straight Leads, SNX Frog and IRJs and Rail Replacement going 20m Pass the overhang and 30m past the tail of the turnout. This was done across two turnouts on the MLTP DO22 and DO27.

### Project Challenges

Project required careful integration to enable completion around three 10 hr. Shuts with allowance for day shift only. RMC had 3 days of Prep and 1 day of clean up after the shut.

Key challenges included:

- Completion of all steel replacement at DO22 and DO27
- Allowance for Day shift only
- The Straight track had to be recommissioned to let trains pass through overnight and during the day
- Timely handback of track over three 10hr shuts across 3 days, with having no train cancellations.



### Innovative Deliver

Integrated planning with the client allowed for sequence of works flow with ease and minimal disruptions.



### Value Adding

RMC Rail's methodology to the works involved major of the welding to be done during prep and on install welding to be concentrated on the straight side of track to allow for straight track to be recommissioned at the end of day 1. RMC delivered the works on time to the client at the end of each day. The End Product was not only as per Clients Code of Practice and Requirements but also in line with their Quality Procedures and Policies.



### FAST FACTS

## \$650,000

Project Value

## Entire Steel works change out at two turnouts including IRJs and rail replacement at Overhang and Tails

Scope Achieved

## 0 Train Cancellations

## 0 Incidents

### CLIENT REFERENCE

Daniel Glennon

Lead Engineer

Daniel.Glennon@riotinto.com