



WEEK 19 TRACK RENEWAL

PROJECT PROFILE

May 2018

Detailed Scope Overview

RMC Rail, engaged by Rio Tinto, conducted a major track renewal program during the shut conducted in Week 19. Scope involved 500m of Track Renewal, including removal of track to formation level, on handback of formation installation of bottom ballast to required depth, placement sleepers and rails, support of resurfacing by placement of top ballast and De-Stressing of the worksite to be completed within the 50th hour of a 60hr obstruction.

Project Challenges

Project required detailed planning, co-ordination and communication across multiple disciplines working within the obstruction.

Meeting key milestones to achieve staged handovers.

Management of RMC Rail program to recover from impact of third party delays within the overall project plan.

Key challenges included:

- Management of Multiple discipline Interface.
- Management of short lead times between award and execution of project.



Innovative Delivery

The use of RMC Rails Ballast spreader, allowed the placement of the required depth of compacted bottom ballast. This provided improvement opportunities:

- Environmental dust suppression
- Reduction in plant and people interface
- Reduction in wastage of client supplied material.



Value Adding

RMC Rail Services received positive feedback on the site preparation and TMP and set the standard for all sites at Rio Tinto.

Completed a Rail Adjustment at the entire work site providing confidence to the client that track stability will be ensured at this location.

FAST FACTS

\$730,000

Project Value

500m Track Renewal and 500m De-Stress

Scope Achieved

0 Impact on Supply Chain

0 Incidents

CLIENT REFERENCE

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