

S&C - Renew Check Rail

Scope

Includes: All types of S&C Check Rail

Excludes: Plain line check rail, NR60 layouts

Preparation

Tools, equipment and plant items required but not limited to:

- Spanner
- Pan Puller
- Heel Bar
- Rail Dogs
- Lifting equipment
- Torque Spanner
- 30m Tape
- Track Gauge

Work planning considerations:

- Correct type of check rail

Method

1. Check size and type of new check rail against requirements.
2. Measure and mark position of check rail flares.
3. Unbolt and unclip existing check rail.
4. Lift out existing check rail.
5. Inspect the chairs, spacer blocks, bolts and baseplates for wear and/or damage, replace as required.
6. Lift in new check rail and position flares correctly.
7. Slide in check blocks.
8. Insert bolts with the bolt heads in the web of the check rail.
9. Clean and dry all bolts and torque up. Exposed ends on bolts can be lubricated to enable threads to be protected for any later removal.
10. Ensure check rail face to crossing nose dimension complies with NR/SP/TRK/001.
11. Lubricate the face of the check rail.
12. Remove waste and materials from site.

S&C - Renew Check Rail

References

Supports Ellipse Standard job

- 009154 S&C – Renew Check Rail

If applicable refer to the following directly associated documents:

- NR/SP/TRK/001 – Inspection and Maintenance of Permanent Way
- NR/SP/TRK/102 – Track Construction Standards
- NR/GN/TRK/7001/TWI2S031 How to replace a check rail
- Risk Control Sheets:
 - NR/L3/MTC/0002/TK000 Generic Track Risks
 - NR/L3/MTC/0002/TK502 S&C renew check rail