

Guard Board Maintenance

Scope

Includes:
Excludes:

Preparation

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

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Work planning considerations:

- Electrification requirements

Method

1. Carry out inspection to find faults, making especial note of the condition of boards adjacent to ramp ends
2. Check condition of guard board and condition of fastenings.
3. Check that there are no obstructions between the guard board and conductor rail particularly bond wires out of position or rubbish.
4. Remove guard boards, check on condition, if required renew fastenings and board. Ensure the use of insulated tools at all times. Insulated troughing can be used when working adjacent to the Conductor Rail and in situations of high risk gauntlets should be worn at all times.
5. Replace guard board, making sure that the board sits firmly onto the brackets and does not sit too proud of the conductor rail.
6. Check gauge make sure it is to RT standard. Dimensions are as follows:
 - Lateral distance from Running Edge to centre line of Conductor Rail is 330mm +/- 20mm
 - Vertical height above running Rail is 76mm + 10 or – 3mm
7. If modifications are required then see Method Statement on Conductor Rail Maintenance.
8. Tidy site and clear all surplus materials

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References

Supports Ellipse Standard job

- 009081 Track – Guard rail - Maintain

If applicable refer to the following associated documents:

- NR/SP/TRK/001 Inspection and Maintenance of Permanent Way
- NR/WI/TRK/001 Track Inspection Handbook
- NR/GN/TRK/7001/TWI2G073 How to inspect conductor rail
- NR/GN/TRK/7001/TWI2P044 How to maintain guard rail
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- Risk Control Sheets
- NR/L3/MTC/0002/TK000 Generic Track Risks
- NR/L3/MTC/0001/GA20A~E Working on DC LINES LEVEL 1~5