

Track – PL – Manual Slueing

Scope Includes: Timber sleepered and concrete sleepered track
Excludes: Steel sleepered track

Preparation

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

- Approved rail thermometers
- Slueing jacks
- Kango hammers with associated attachments
- Shovels, forks, picks and bars

Work planning considerations:

- Completed survey and design
- Any alterations to CRTs
- Any post work stressing requirements
- Weather precautions and rail temperature
- Temporary Speed Restriction requirements.
- Track condition
- Size of the slue
- Signalling requirements
- Traction bonding requirements
- Rail adjusting

Method

1. Measure the existing position of the track against an adjacent track or fixed structure and record these measurements.
2. If the new alignment has been pegged, check that the pegs are firm and have not been disturbed.
3. Remove shoulder ballast on the side of the direction of slue – but only enough for the slue to take place.
4. Take the portion of shoulder ballast down to at least the bottom of the sleeper – this will ensure that the slued track will not ride up on the ballast and cause a twist fault.
5. Slue the track, commencing with the maximum slue first
6. Backfill and compact exposed sleeper ends.
7. Backfill ballast beds and re-profile the ballast shoulder.
8. Report details of the slues achieved to the line manager.
9. Ensure all rail fastenings are secure.
10. Check track geometry. Correct as necessary.
11. Remove waste and materials from site.

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References

Supports Ellipse Standard job

- 009115 Track – PL – Manual Slueing

If applicable refer to the following directly associated documents:

- NR/SP/TRK/001 Inspection and Maintenance of Permanent Way
- NR/SP/TRK/0011 Continuous Welded Rail (CWR) Track
- NR/GN/TRK/7001/TWI2B004 How to regulate ballast by hand
- NR/GN/TRK/7001/TWI2T021 How to slue track manually
- Risk Control Sheets:
 - NR/L3/MTC/0002/TK000 Generic Track Risks
 - NR/L3/MTC/0002/TK410 Manual Slueing

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