

Track Geometry Markings - Paint

Scope

Includes: All forms of permanent track geometry marking
Excludes: Temporary track marking for tamping or manual realignment schemes

Preparation

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

- Brushes
- Black and yellow rubberised paint
- Chalk
- Thinners
- Shovel
- Wire brush
- Cleaning cloth/rags
- Hot air gun
- Details of track geometry design
- Thermo-marking

Work planning considerations:

- Recent redesign work

Method

1. Ensure the geometry to be marked up is the most current information and track position has not been altered since.
2. Ensure correct track is to be marked up.
3. Clean sleepers to be marked up and if concrete dry using a hot air gun.
4. Mark up in the web of the rail in chalk to maintain track info whilst old markings have been painted out.
5. Allow sufficient time for background yellow paint to dry before applying black lettering.
6. Thermo-marking materials can be used instead of paint.
7. Mark up start and finish points (tops and bottoms) of transitions with the transition length, cant and curve radius.
8. Mark up each 5mm increment in cant.
9. Mark up at regular intervals through out a circular curve in accordance with NR/SP/TRK/102.
10. Mark up any change of radius points.
11. Remove materials and waste from site.

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References

Supports Ellipse Standard job

- 009127 Track Geometry Markings - Paint

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/TWI2T001 How to permanently mark out a curve for mechanised maintenance
- Risk Control Sheets:
- NR/L3/MTC/0002/TK000 Generic Track Risks
- NR/L3/MTC/0002/TK414 Track Geometry marking - Paint