Track Inspection – Engineer

Scope

Includes: Engineer visual track inspection
Exclude: Basic/supervisor/special track inspection

Preparation

Tools, equipment and plant items required but not limited to:
- Latest TRV trace
- Walkout report from job bank
- Track gauge
- S&C maintenance gauge
- Cross level
- NR 4 side wear gauge
- Appropriate communication devices

Work planning considerations:
- Scope of inspection to be undertaken
- Methodology to be used (foot/mechanised)
- Mechanised inspection access/egress point
- Requirement to alternate the direction of the inspection

Method

1. During the inspection the features to be observed are listed in NR/SP/TRK/001.
2. The inspection shall be undertaken in accordance with NR/PRC/MTC/TK0075.
3. Defects shall be reported in accordance with NR/WI/TRK/001
4. Check the quality and durability of all works that have taken place.
5. Complete TEF 3017 Engineer Track Inspection Report
    - For items which are not already included in the walkout report and those which require action in the longer term
    - Cross reference, where applicable TSM and Level 1 observations noting items in the walkout report where the priority has to be amended.
    - Sign to state that the inspection has been completed
    - Ensure relevant items are actioned by designated persons.
6. Consider need for production of Problem Statements on any proposed renewal sites

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Track Inspection – Engineer

References

Supports Ellipse Standard job
- 009034 Track Inspection – Engineer

If applicable refer to the following associated documents:
- NR/SP/TRK/001 Inspection and Maintenance of Permanent Way
- NR/PRC/MTC/TK0075 Management of Visual Inspection
- NR/WI/TRK/001 Track Inspection Handbook
- TEF 3017 Engineer Track Inspection Report

- Risk Control Sheets:
- NR/L3/MTC/0002/TK000 Generic Track Risks
- NR/L3/MTC/0002/TK001 Track Patrol – Foot & Mechanical
- NR/L3/MTC/0002/TK002 Track Inspections

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