

Operation of a Dynamic Track Stabiliser (DTS)

Scope

Includes:
Excludes:

Preparation

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

- Associated works such as ballast drop or wet bed removal

Work planning considerations:

- Electrification requirements
- Signalling requirements
- Exact mileage of work
- Location of any weak structures

Method

1. Before the commencement of Track Stabilising work, the supervisor will have a plan of the work.
2. Before work commences with a Dynamic Track Stabiliser the senior operator is responsible for:
 - Ensuring that machine is in good working order. A visual check must be made of the machine for damaged hoses cam locks etc, correct operation of Dynamic Track Stabiliser equipment.
 - Ensuring that machine operator carries with him a certificate of competency to operate the machine.
3. The supervisor in charge shall brief all staff prior to work and establish a safe working zone around the Dynamic Track Stabiliser operation to prevent staff or public entering the zone.
4. At the start and on completion of the works the Engineering Supervisor will complete certificate RT 3199/1.
5. Regularly during and on completion of the work the Supervisor will check for: -
 - correct cross levels
 - correct line and top
 - damage to the permanent way or structures
 - damage to S&T equipment
 - evidence of liquefaction to the ballast
6. If not the ES the Supervisor is to provide a positive report to the ES that the line is clear and fit for traffic on completion of work
7. Supervisor to complete all sections of the PHIRES form and report work done to TSM or as otherwise directed

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8. TSM to instigate hot weather precautions as required

References

Supports Ellipse Standard job

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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/PRC/MTC/TK0002 Planning of on-track machines
 - NR/PRC/MTC/TK0003 Control of on-track machines
 - NR/PRC/MTC/TK0004 Preparation for use of on track machines
 - NR/PRC/MTC/TK0005 Post-work activities following works using on-track maintenance machines
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- Risk Control Sheets
 - NR/L3/MTC/0002/TK000 Generic Track Risks
 - NR/L3/MTC/0005/MP01 Use and Control of On Track Plant
 - NR/L3/MTC/0005/MP02 On Track Plant Pre-use Checks
 - NR/L3/MTC/0005/MP03 Safe Storage of On Track Plant
 - NR/L3/MTC/0005/MP04 Stabling of On Track Plant