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Preventative & Corrective Maintenance of Mechanical Signalling Wire Runs & Rodding. (formerly RT/E/S/I0083)

This temporary front sheet facilitates change to the new Network Rail Standards referencing nomenclature.

The Ref above will be formally allocated to this standard when it is next changed in the meantime the contents, date and issue number of this Network Rail Standard are **UNCHANGED and with immediate effect it should be referred to as “(new ref) formerly (old ref)”.**

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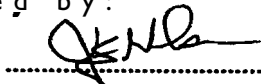
RAILTRACK LINE

SPECIFICATION

PREVENTATIVE AND CORRECTIVE MAINTENANCE OF MECHANICAL SIGNALLING WIRE RUNS AND RODDING

Approval and Authorisation

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**Preventative and Corrective Maintenance of
Mechanical Signalling Wire Runs and Rodding**

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SUMMARY

This specification identifies the requirements for those managing and undertaking signalling maintenance activities on Railtrack infrastructure. It is particularly concerned with the preventative and corrective maintenance activities applicable to mechanical signalling wire runs and rodding in order that they remain available to perform their intended functions.

ISSUE/REVISION RECORD

This specification will be updated when necessary by the distribution of a complete document. Amendments will be marked by a vertical black line in the adjacent right hand margin. The latest issue of this specification shall be implemented immediately upon receipt.

Issue	Date	Comments
Issue 1	Dec 1997	

IMPLEMENTATION

The requirements of this specification are mandatory and shall be enforced from February 1998 unless express written permission is obtained for any deviation from the Head of EE&CS. The following documents are superseded.

Superseded document reference number	Issue	Date
NONE		

**Preventative and Corrective Maintenance of
Mechanical Signalling Wire Runs and Rodding****DISCLAIMER**

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**Preventative and Corrective Maintenance of
Mechanical Signalling Wire Runs and Rodding****1 PURPOSE**

- 1.1** This specification details the necessary maintenance requirements and any known material constraints to enable wire runs and rodding to remain functionally available.

2 SCOPE

- 2.1** This specification is applicable to inspection and preventative maintenance activities required to detect and correct any faults or degradation in performance. It is specifically applicable to mechanical signalling wire runs and rodding forming part of Railtrack's infrastructure.
- 2.2** Codes of Practice have been included as Appendices A and B to offer further information on best practice maintenance activities.

3 DEFINITIONS

None

4 MAINTENANCE REQUIREMENTS FOR SIGNAL WIRE RUNS**4.1 Wire Run Condition**

- 4.1.1** All signal wire runs, including wire wheel chains and slings, shall be examined at sufficient frequency to ensure that they remain fit to withstand anticipated working loads.
- 4.1.2** Any damage or obstruction shall be noted and necessary remedial action taken to prevent failure.

4.2 Wire Joints, Terminations and Connectors

- 4.2.1** Joints and terminations in the signal wire shall be examined for general condition and continued security.
- 4.2.2** The position of all joints and terminations shall be assessed to ensure that the possibility of snagging with other wire or equipment is eliminated throughout any part of the stroke.
- 4.2.3** All signal wire connectors shall be of an approved type and shall be correctly fitted.
- 4.2.4** When any deficiencies are discovered the joint or terminations shall be replaced using an approved method.