

Ref:	NR/L2/SIG/30009/E430
Issue:	1
Date:	December 2007
Compliance date:	06 April 2008

E430

Signalling Principles Handbook - Provision of derailment detectors

Endorsement and Authorisation

For endorsement and authorisation, please refer to
NR/L2/SIG/30009

This document is the property of Network Rail. It shall not be reproduced in whole or part nor disclosed to a third party without the written permission of Network Rail.
© Copyright 2007 Network Rail.

Uncontrolled copy once printed from its electronic source.

Published and Issued by Network Rail, 40 Melton Street, London NW1 2EE.



Ref:	NR/L2/SIG/30009/E430
Issue:	1
Date:	December 2007
Compliance date:	06 April 2008

Issue record

Issue	Date	Comments
1	Dec 2007	Initial Issue Supercedes TI 014 and TI 058

Compliance

This Network Rail standard is mandatory and shall be complied with by Network Rail and its contractors if applicable from 06 April 2008.

When this standard is implemented, it is permissible for all projects that have formally completed GRIP Stage 4 to continue to comply with the Issue of any relevant Network Rail Standards current when GRIP Stage 4 was reached and not to comply with requirements contained herein, unless the designated Standard Owner has stipulated otherwise in the accompanying Briefing Note.

Reference documentation

GI/RT7006	Prevention and Mitigation of Overruns – Risk Assessment
GK/RT0011	Train Detection
GK/RT0060	Interlocking Principles
GK/RT0061	Shunters Releases, Ground Frames, Switch Panels and Gate Boxes
GK/RT0064	Provision of Overlaps, Flank Protection and Trapping
NR/GN/SIG/11600	Signalling and Operational Telecommunications Design: Technical Guidance
NR/PS/SIG/11752	Train Detection
NR/PS/SIG/11764	Track Circuit Interrupters

Disclaimer

In issuing this document for its stated purpose, Network Rail makes no warranties, express or implied, that compliance with all or any documents it issues is sufficient on its own to ensure safe systems of work or operation. Users are reminded of their own duties under health and safety legislation.

Supply

Copies of documents are available electronically, within Network Rail's organisation. Hard copies of this document may be available to Network Rail people on request to the relevant controlled publication distributor and to other organisations from IHS (Technical Indexes Ltd) tel: 01344 404409.

Ref:	NR/L2/SIG/30009/E430
Issue:	1
Date:	December 2007
Compliance date:	06 April 2008

Contents

1 Purpose	4
2 Scope	4
3 Definitions	4
4 Background	4
5 Requirements	5
6 Guidance	6
Figure 1 – position of track circuit interrupter	6
7 Historical Arrangements	7