

Ref:	NR/L3/TEL/30074
Issue:	3
Date:	03 September 2011
Compliance date:	03 September 2011

Level 3

Specification for the Maintenance of Telecommunication Earths and Screening Systems

Endorsement and Authorisation

Endorsed by:

pp Colin Mitchell, Working Group Chair

Authorised by:

Steve Hailes, Steering Group Chair

Accepted for issue by:

Mick McManus, National Standards Manager

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 2011 Network Rail.

Uncontrolled copy once printed from its electronic source.

Published and Issued by Network Rail, Network Rail, Kings Place, 90 York Way, London, N1 9AG



Ref:	NR/L3/TEL/30074
Issue:	3
Date:	03 September 2011
Compliance date:	03 September 2011

Issue record

Issue	Date	Comments
1	June 2006	First Issue
2	March 2009	Renumbered, was NR/WI/TEL/30074. Appendix A requirements amended and periodicity of maintenance adjusted from 11 monthly to 5 yearly intervals. Appendix B service requirements amended and periodicity amended from 22 monthly to 5 yearly intervals. Appendix C service now revamped and now only required when VL results show cause for concern.
3	Sept 2011	Re issued following RCM analysis

Compliance

This Network Rail standard is mandatory and shall be complied with by Network Rail and its contractors if applicable from 03/09/2011.

When this standard is implemented, it is permissible for all projects that have formally completed GRIP Stage 3 (Option Selection) to continue to comply with the Issue of any relevant Network Rail Standards current when GRIP Stage 3 was completed and not to comply with requirements contained herein, unless the designated Standard Owner has stipulated otherwise in the scope of this Standard.

Reference documentation

NR/SP/TEL/31001 Telecommunications Maintenance Testing & Failure Investigation
NR/L2/TEL/31002 Maintenance of Telecommunications Equipment.

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. Other organisations may obtain copies of this document from IHS (Technical Indexes Ltd) tel: 01344 328039.

Ref:	NR/L3/TEL/30074
Issue:	3
Date:	03 September 2011
Compliance date:	03 September 2011

Contents

1 Purpose	4
2 Scope	4
3 Definitions (in addition to those defined in NR/L2/TEL/31002).	4
4 Responsibilities	4
Appendix A Equipment Room Functional Earth Farms	5
Appendix B Lineside Fast Transient Earth Systems	6
Appendix C Testing of Mutual Screening Conductor Earth System	7

Copyright Network Rail