

Ref	NR/SP/TEL/11189
Issue	3
Date	June 2005

Testing Telephones at Level Crossings (formerly RT/E/S/11189)

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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Business Process Document

Testing Telephones at Level Crossings

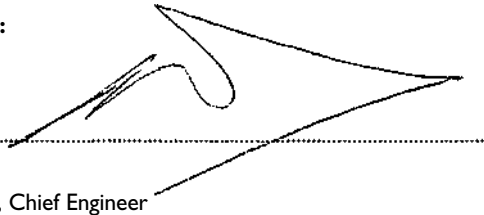
Endorsement & Authorisation

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Authorised by:



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Accepted for issue by:



P McAleer, Head of Standards Development Process

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Issue record

Issue	Date	Comments
1	December 2000	New Document
2	August 2001	Minor amendment – reference to TII BTEL 9034 deleted from Implementation Clause
3	June 2005	Reference documentation and standard format updated.

Implementation

This Network Rail Specification shall be implemented from 4th June 2005.

Compliance

This Network Rail Specification is mandatory and must be complied with by Network Rail staff and Contractors from 1st August 2005

When this Specification is implemented, it is permissible for all projects, which have formally completed GRIP Level 4, to continue to comply with the Issue of any relevant Network Rail Standards current when GRIP Level 4 was reached and not to comply with requirements contained herein unless the Head of Telecoms Engineering has stipulated otherwise in the accompanying Briefing Note.

Where the Head of Telecoms Engineering has specified that all projects will comply with the requirements, specific authority not to comply can be sought in the usual manner using the appropriate non-compliance authority processes described in Network Rail Standard, RT/LS/P/045 (Managing the process for Non-compliance Authority).

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Ref:	RT/E/S/11189
Issue:	3
Date:	June 2005

Contents

1	Purpose	2
2	Scope	2
3	Reference documentation	2
4	General	2
5	Safety	2
6	Documentation Required	2
7	Installation and Testing	2
8	User Instructions	2
Appendix A:	Summary of Tests	2
Appendix B:	Test Schedule - Level Crossing Telephones (Signal Box Tests)	2
Appendix C:	Test Schedule - Level Crossing Telephones (Site Tests)	2
Appendix D:	Test Report Sheet Level Crossing Telephones	2

Ref:	RT/E/S/11189
Issue:	3
Date:	June 2005

1 Purpose

This instruction details the tests and inspection required for the commissioning of new and altered level crossing installations equipped with a level crossing telephone system.

2 Scope

The tests described shall be used in full whenever a comprehensive test of the installation's facilities is required.

Crossings equipped with direct CB or Public Switched Telephone Network (PSTN) telephones shall be tested in a similar manner.

3 Reference documentation

GE/RT8000	The Rule Book
RT/E/G/11730	Signalling Works Testing Handbook
RT/E/S/11221	Signalling Works Testing
HS(G)153/6	HMRI Railway Safety Principles & Guidance (RSPG): Part 2, Section E: Guidance on Level Crossings

4 General

4.1

All telephones at level crossings shall be tested at commissioning in accordance with the Test Schedules attached as Appendix B and C to this Specification.

4.2

The results of the tests and details of date of test and testing engineer shall be recorded on a record sheet as attached to this instruction as Appendix D. All test record sheets shall be filed in the commissioning log book for inclusion in the site documentation.

4.3

Where the system installed does not include a particular facility, the record sheet shall be endorsed "not applicable".

4.4

Until the tests have been completed the telephones shall be considered unreliable.

4.5

Any faults found during the tests shall be corrected and the installation retested.

Ref:	RT/E/S/11189
Issue:	3
Date:	June 2005

4.6

The test engineer must inspect the whole installation and shall confirm that the installation is in accordance with HMRI Railway Safety Principles and Guidance (RSPG) and with the Level Crossing Order.

5 Safety

The Rule Book procedures for working at the trackside and roadside must be taken.

6 Documentation Required

6.1

Test Report Sheet - Level Crossing Telephones, Appendix D to this Specification.

6.2

Former diagrams 854, 418 and 416. (For current requirements, see HMRI RSPG, Part 2, Section E.)

6.3

Level Crossing Order for Installation.

7 Installation and Testing

7.1 Installation

The installation shall be complete in all respects before acceptance for testing.

7.2 Testing

The telephones shall be fully tested and inspected in accordance with the Test Schedules Appendix B and C. The Test Engineer shall carry out the test from the signal box in co-operation with a site tester.

7.3 Communication

The test schedules are written with the assumption that an alternative means of communication exists between the crossing and the signal box, that is, the superseded system, radio etc.