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Issue:	01
Date:	3 September 2011
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Level 2

Signalling Non-Conceptual Works and Emergency Testing

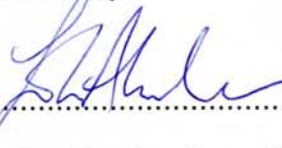
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Issue record

Issue	Date	Comments
01	Sep 11	First issue

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 stipulated otherwise in the scope of this standard.

Reference documentation

Railway Group Standards

GE/RT8000	Rule Book
RT3187 (form)	Signal Engineering Work

Company Standards

NR/L3/AIF/003	Asset Data Management for Ellipse and GEOGIS
NR/L2/CTM/012	Competence and Training in Signal Engineering
NR/L2/EBM/088	Arrangements for Maintenance of New and Changed Assets
NR/L2/MTC/088	
NR/L3/MTC/PL0175	Infrastructure Maintenance Planning Handbook
NR/L3/SIG/10663	Signal Maintenance Specifications
NR/L3/SIG/11231	Signal Maintenance Testing
NR/L2/SIG/30014	Signalling Works Testing Handbook
NR/L2/SIG/30014/A100	Selection of Standards for Signalling Testing
NR/L2/SIG/30014/A210	Design and Testing Processes for Minor or Repetitive Alterations
NR/L2/SIG/30014/C310	Check Marking and Recording on Test Copies
NR/L2/SIG/30014/G120	Non-Conceptual Test Schedule Templates
NR/L2/SIG/30014/G130	Non-Conceptual
NR/L3/SIG/30075	Production of Non-Conceptual Signalling Design

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1 Purpose

This document is part of the suite of documents contained within the Signalling Works Testing Handbook, [NR/L2/SIG/30014](#), which together detail the requirements for signalling works testing activities.

This standard, unlike other chapters in Signalling Works Testing Handbook, uses processes and procedures based on those within [NR/L3/SIG/11231](#). It defines the testing planning and other additional requirements which, when met, allow Signal Maintenance Testing techniques to apply to non-conceptual works and small scale emergencies.

The requirements within this standard apply equally to testing of both pre-planned non-conceptual works and emergency work, except where specified otherwise.

2 Scope

This level 2 standard applies to work that meets the criteria defined in [NR/L2/SIG/30014/A100](#).

3 Flowchart

None.

4 Procedure

4.1 Objective of Testing

The objective of testing of equipment or systems which control or command the safe routing and spacing of trains is to confirm that such equipment or systems:

- Conform to statutory requirements, and Railway Group and Network Rail Company Standards;
- Have been constructed in accordance with the supplied Engineering Details;
- Have been constructed in accordance with the relevant installation specifications and codes of practice where these impact on signalling system safety or reliability.

4.2 Testing Management

4.2.1 Competence and Independence

Assessment of competency to undertake testing management and / or testing in accordance with this standard shall be carried out in accordance with [NR/L2/CTM/012](#). If the work is undertaken by any contractors external to Network Rail, then the competence assessment process used shall as a minimum be comparable to that used by Network Rail. Authority to work for contractors' testing staff shall be given by inclusion of their details in the Test Schedule.

To maintain independence, no person involved with the production or checking of design details or with the installation work, shall take part in any testing activity, except in an assisting capacity.