

Ref	NR/WI/TEL/30104
Issue	1
Date	April 2006

Business Process Document

Testing Requirements - Signal Box Concentrator

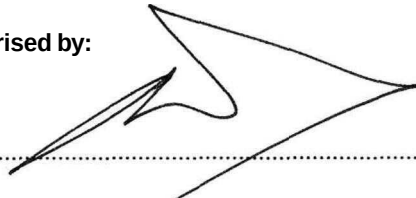
Endorsement & Authorisation

Endorsed by:



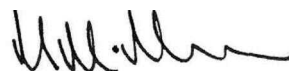
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Issue record

Issue	Date	Comments
1	April 2006	Issue 1

Implementation

1st April 2006

Compliance

This Network Rail Work Instruction is mandatory and must be complied with by Network Rail and its Contractors from 1st July 2006.

When this Work Instruction 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 designated 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, [NR/SP/STP/045](#) Managing the Process for Non-compliance Authority (formerly RT/LS/P/045).

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1 Purpose

This Work Instruction in support of [NR/SP/TEL/30098](#) – Testing and Commissioning of Telecommunications Equipment and Systems details the tests that are required to be carried out on a telephone concentrator installation that falls under the scope of [NR/CS/TEL/30092](#), Telecommunication Testing and Commissioning Procedure.

2 Scope

This Work Instruction applies as detailed in section 6.4 and 6.5 of [NR/SP/TEL/30098](#) and is a support document for the development and production of a project Test Plan and associated Test Specification(s). It details the minimum mandatory tests that are to be carried out on concentrator installations prior to the commissioning and bringing into service of the equipment on the operational railway.

This Work Instruction does not include:

- a) Any required FAT tests
- b) Health and safety requirements
- c) Methods for performing tests
- d) The requirements for the production of a test plan
- e) Installation requirements

The requirements for telecommunications installation are detailed in [NR/CS/TEL/30029](#) Telecoms Installation and supported in [NR/SP/TEL/30094](#) – Installation of Telecommunications Equipment and Systems.

3 Reference documentation

NR/CS/TEL/30029	Telecoms Installation.
NR/CS/TEL/30092	Telecommunication Testing and Commissioning Procedure.
NR/SP/TEL/30002	Signal Box Telephone Concentrator System
NR/SP/TEL/30094	Installation of Telecommunications Equipment and Systems.
NR/SP/TEL/30098	Testing and Commissioning of Telecommunications Equipment and Systems
NR/WI/TEL/30102	Testing Requirements Specification – Voice Recorders