

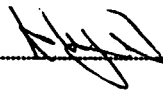
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Business Process Document

Overhead line equipment allocation design for railway electrification

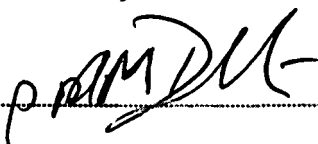
Endorsement & Authorisation

Endorsed by:



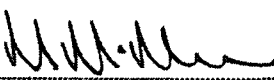
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Issue record

Issue	Date	Comments
2	April 2006	Re-issued as a SAF3 Business Process Document (<i>formerly RT/E/S/21074</i>)

Implementation

1 April 2006

Compliance

This Network Rail specification is mandatory and must be complied with by Network Rail and its contractors from 1 April 2006

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 electrification and plant has stipulated otherwise in the accompanying briefing note.

Where the head of electrification and plant 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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Contents

1	Purpose	4
2	Scope	4
3	Reference documentation	4
4	Definitions	4
5	General clauses	6
5.1	Safety, legislation and regulations etc.	6
5.2	Design practice	6
6	Compliance with standards	7
6.1	European, International and British Standards etc.	7
7	Performance requirements - Allocation design	7
7.1	General	7
7.2	Design responsibilities	8
7.3	Sectioning	8
7.4	Allocation design	8
7.5	Presentation	9
7.6	Deviation from system and basic design	9
7.7	Deviation from allocation design	9
7.8	Structure numbers	9
7.9	Reliability, availability, maintainability and safety (RAMS)	9
8	Verification of quality of design	10
8.1	Quality assurance	10

I Purpose

This specification states the requirements for the allocation of overhead line equipment designs to enable supply, construction, acceptance and maintenance of Electrification Infrastructure.

The document is to be read in conjunction with the relevant procurement specification.

2 Scope

This specification applies to the allocation of overhead line equipment basic designs to all aspects of Network Rail's Infrastructure.

3 Reference documentation

NR/SP/ELP/21130	Network Rail Business Process Document – Technical Competency Requirements for Design of Overhead Line Equipment
NR/GN/ELP/27233	Network Rail Business Process Document – Characteristics of Railway Electrification Traction Power Supplies
EN ISO 9001	Model for quality assurance in design, development, production, installation and servicing
BS 5760	Reliability of constructed or manufactured products, systems equipment and components

4 Definitions

For the purpose of this specification the following definitions shall apply:

Allocation Design	The geographical allocation of the Basic Designs to an electrification project to meet the System Design and performance specification and thus allowing the production of a Bill of Quantity for all components and associated materials. The completed Allocation Design enables all materials to be identified, purchased, assembled as necessary and installed on the project, and determines the detailed records of construction for maintenance purposes.
As Fitted Records	A detailed record of the installed fixed equipment, together with the final design dimensions and clearances of the construction, as approved by the designer.