

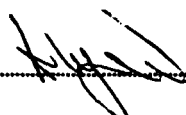
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Issue	2
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Business Process Document

Provision of isolation, earthing and indication facilities where local isolations are permitted on a.c electrified lines

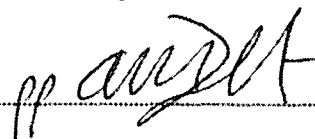
Endorsement & Authorisation

Endorsed by:



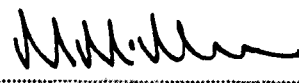
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Documents

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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/27203</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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1 Purpose

At certain locations e.g. sidings and electric traction depots, work on electric traction, loading or unloading of wagons, or maintenance of adjacent equipment (e.g. carriage washing plants), requiring isolation and earthing of the O.L.E., is carried out at frequent intervals.

To facilitate this work Modules 8 and 12 of [NR/SP/ELP/29987](#) Working on or about 25kV A.C. Electrified Lines permits local isolations to be carried out without using the procedure contained in Module 7.

At all such locations "Local Isolation and Earthing Instructions" shall be prepared to cover the detailed procedures to be followed when the O.L.E. is to be isolated and earthed to allow local isolations to be carried out.

2 Scope

This document covers the provisions necessary to enable the procedures to be followed within those areas and for those tasks to which local isolation instructions apply. It amplifies, but in no way modifies the requirements of [NR/SP/ELP/29987](#).

The requirements of this document need not be applied retrospectively but whenever alterations are made to an existing electrification they shall be applied where reasonably practicable.

3 Reference documentation

GE/RT 8000	Rule Book - Module AC2 - Working on or near to the OLE
NR/SP/ELP/29987	Working on or about 25kV A.C. Electrified Lines Module 7 - Isolation and Earthing of Overhead Line Equipment Module 8 - Local Isolation and Earthing of 25kV A.C. Overhead Line Equipment Module 12 - Management of local Isolation Instructions for 25kV A.C. Overhead Line Equipment
NR/WI/ELP/27237	Overhead Line Work Instructions F05 - The application and removal of local earths and temporary continuity jumpers

4 Definitions

O.L.E.	Overhead Line Equipment
S.I.	Section Insulator
D.E.P.	Designated Earthing Point