

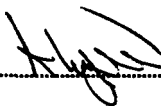
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Business Process Document

Examination of d.c. electrification equipment in light maintenance depots

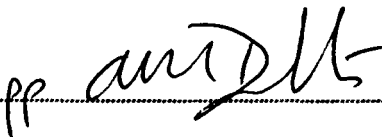
Endorsement & Authorisation

Endorsed by:



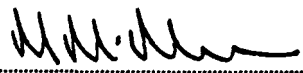
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Issue record

Issue	Date	Comments
3	April 2006	Re-issued as a SAF3 Business Process Document (<i>formerly RT/E/S/21046</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

This specification states the requirements for the periodic examination, to determine the general condition, of d.c. electrification equipment installed in light maintenance depots for the purpose of supplying traction power to rolling stock.

2 Scope

This specification applies to examinations carried out by the tenants of light maintenance depots on D.C. Electrified Lines.

3 Reference documentation

[BS 7671](#) Requirements for Electrical Installations (IEE Wiring Regulations).
Electricity at Work Regulations 1989.

4 Definitions

Bond	A traction electrical connection in the conductor rail circuit or the running rail return circuit.
Conductor rail	Rail charged at traction voltage including ramps, side ramps, joints, connections and interconnecting straps.
Danger	Risk of injury. Source: Electricity at Work Regulations 1989
Equipment	Equipment including all component parts and accessories.
Equipotential Bond	As defined in BS 7671 16 th Edition, Part 2. Includes bonds from depot equipment to running rails not normally required to carry traction current.
Examine	Determine the general condition e.g. completeness, security, position, wear, cracks, splits, scoring, corrosion, erosion, breaks, distortion, looseness and overheating.
Examiner	Anyone carrying out an examination in accordance with this specification.
Maintenance	Work intended to ensure that equipment continues to perform satisfactorily in accordance with specified standards.