

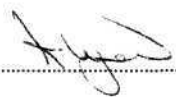
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Issue	2
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Business Process Document

Specification of palisade fencing for electrical distribution installations on a.c. and d.c. electrified lines

Endorsement & Authorisation

Endorsed by:



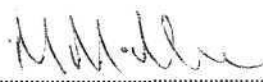
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2	December 2005	Re-issued as a SAF3 Business Process Document

Implementation

3 December 2005

Compliance

This Network Rail specification is mandatory and must be complied with by Network Rail and its contractors from 3 December 2005.

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 fixed plant has stipulated otherwise in the accompanying briefing note.

Where the head of electrification and fixed 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	5
2	Scope	5
3	Reference documentation	5
4	Definitions	5
5	General clauses	6
5.1	Safety	6
5.2	Design, manufacture and workmanship	6
5.3	Spare parts and consumables	6
5.4	Drawings	6
5.5	Instruction manual	7
5.6	Delivery	7
6	Compliance with standards	8
6.1	European, International and British Standards etc.	8
6.2	Specific equipment standards	8
7	Performance requirements	8
7.1	General	8
7.2	Environmental Conditions	8
7.3	Maintainability	9
7.4	Service life	9
7.5	Interchangeability	9
7.6	Finish and resistance to corrosion	9
7.7	Security provided by fencing	9
7.8	Protection against projectiles	9
7.9	Fence earthing	10
8	Inspection and testing	10
9	Technical and construction requirements	11
9.1	Discouragement of climbing	11
9.2	Site safety	11
9.3	Nameplates and warning notices	11
9.4	Fencing pales	11

Ref:	NR/SP/ELP/21081
Issue:	2
Date:	December 2005

9.5	Fence posts	11
9.6	Removable fence panels	12
9.7	Intermediate supports	12
9.8	Fence foundations	12
9.9	Protection against burrowing	12
9.10	Gates and fittings	12
9.11	Disturbance to existing earthworks, services and railway infrastructure	13
Appendix A	Nameplate	14

I Purpose

This specification states the requirements for the design, manufacture and installation of perimeter palisade fencing of the security type for use, when specified, around electric traction distribution installations.

The fencing is intended to provide protection from vandalism and to prevent access to the electrical installation by intruders.

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

2 Scope

This specification applies to all new fencing where required around electric traction distribution installations on the A.C. and D.C. Electrified Lines.

3 Reference documentation

RT/E/S/21032	Network Rail specification - earthing systems for d.c. traction substations, track paralleling huts and similar equipment locations
RT/E/S/21085	Network Rail specification for the design of earthing and bonding for A.C. Electrified Lines
RT/E/S/21131	Network Rail specification - warning and other signs for A.C. and D.C. Electrified Lines
BS 1722	Part 12 Specification for steel palisade fences
BS 729	Specification for hot dip galvanised coating on iron and steel

4 Definitions

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

British Standard	A standard published by the British Standards Institution. Its alphanumeric identity is prefixed by BS.
Equipment	Equipment including all component parts and accessories.
European Standard	A standard published by the European Committee for Standardisation or by the European Committee for Electrotechnical Standardisation. Its alphanumeric identity is prefixed by EN.
International Standard	A standard published by the International Electrotechnical Commission. Its alphanumeric identity is prefixed by IEC.
Network Rail Company Standards	A collective term for a specification or procedure published by a directorate of Network Rail.