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Guidance Note

Management of Power Supplies to Telecomms Equipment

Endorsement and Authorisation

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1 Purpose

This document provides guidance on the responsibilities associated with the management of telecomms power supplies. The document ensures that members of the engineering function understand their responsibilities within the current organisation.

2 Scope

This standard applies to the management of telecoms power supply distribution installations as defined by Railway Group Standards. The aim of this document is to define:

Functional Boundaries for Telecoms Power Supplies

Technical Responsibilities

Process for Business Planning

This document should be read in conjunction with the asset accountability matrix.

3 Reference documentation

GT/TDINT 100	Earthing & Equipotential Bonding of Telecoms Equipment.
NR/SP/TEL/30025	Standby Power Supply Requirements for Operational Telecoms Equipment.
NR/SP/ELP/21085.	Design of Earthing & Bonding Systems for 25kV AC Electrical Lines
NR/SP/ELP/21032	Earthing Systems for D.C. Traction Substations, Track Paralleling Huts & Similar Equip Locations.
BS EN 50122-1	Railway applications. Fixed installations. Protective provisions relating to electrical safety and earthing
GI/RT7017	Signalling and Safety Related Telecommunications Power Supplies and Circuits
GI/GN7517	Guidance on Signalling and Safety Related Telecommunications Power Supplies and Circuits