

Category 2 Standard

S2546 Maintenance of (Formerly E7165) Signalling Control Rooms

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1 Purpose

- 1.1 This standard defines the minimum maintenance requirements for signalling control rooms and associated computer rooms.

2 Scope

- 2.1 This standard applies to all signalling equipment and associated wiring provided for the control of train movements, from the point of entry into the room to the point of exit.
- 2.2 This standard does not cover maintenance of software or any communications equipment such as signal, tunnel telephones and radio that may be present within the signalling control room.
- 2.3 Maintenance of a power supply within a Signalling Control Room is covered by standard E7157.
- 2.4 The primary user of this standard shall be the Asset Steward.
- 2.5 This standard supersedes E7165 A3, which is withdrawn.

3 Requirements

3.1 Safety considerations

3.1.1 System safety

- 3.1.1.1 Signalling control rooms are central to the safe operation of trains and equipment during traffic and engineering hours and to the safety of customers and staff. Any failure that adversely affects the ability of operating staff to direct the safe movement of trains on the system may compromise system safety.

3.1.2 Safety of personnel

- 3.1.2.1 All potential hazards shall be identified and safe systems of work shall be devised and followed to guard against hazards such as, electric shock and hazardous substances in accordance with the appropriate statutory requirements, Contract QUENSH conditions and London Underground Rule Book.

3.1.3 Environmental considerations

- 3.1.3.1 All maintenance activities including disposal of lubricant and wastes, utilisation of energy and materials, shall be carried out in compliance with present statutory safety and environmental legislation, Contract QUENSH conditions and codes of practice. Assets shall be assessed to identify products and wastes that can be reused, re-cycled or rendered harmless and any discharges controlled to minimise their environmental impact during the whole maintenance procedure.

3.2 Authorisation

3.2.1 Competency

- 3.2.1.1 Maintenance staff shall be competent to work on that asset type, in the particular operating application and environment, in accordance with engineering standard S1203, Competence of Personnel Working on Signal and Control Systems.