

Category 2 Standard

S2531 Incident management and preservation of evidence for signalling and train control systems

(Formerly E7050)

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1 Purpose

- 1.1 This standard defines the minimum requirements for incident management, applicable to all failures or disturbances of London Underground signalling and control systems, however they are reported. This standard also details the requirements for the preservation of evidence for further examination.

2 Scope

- 2.1 This standard is directed to staff attending any irregular operation, wrong side failure incident or accident involving, or allegedly involving, signalling equipment and those having any involvement in the restoration or repair of signalling and control systems.
- 2.2 This standard supplements the requirements of Rule Book 2 (Incident organisation and management) which should be read in the first instance.
- 2.3 This standard Replaces E7050 A2, which is withdrawn.

3 Requirements

3.1 Safety considerations

3.1.1 System safety

- 3.1.1.1 Improper restoration of service following a failure may lead directly or indirectly to collision or derailment, or to serious loss of process.

3.1.2 Safety of personnel

- 3.1.2.1 All potential hazards such as, electric shock, moving trains, hazardous substances and the requirements of the Pressure Systems and Transportable Gas Containers Regulations (1989) shall be identified and safe systems of work shall be devised and followed to guard against such hazards.

3.2 Authorisation

3.2.1 Competency

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

3.2.2 Task authorisation and certification

- 3.2.2.1 Individual tasks involving a disturbance to the function of an asset must be sanctioned in advance and certified on completion in accordance with engineering standard E7500, Signalling and Control Systems safety critical processes.
- 3.2.2.2 As appropriate, the Duty Signal Incident Manager, Maintenance Manager or Signalling Works Controller shall determine whether the nature of the work is within their authority or that of a more senior level.

Note: Reference should be made to relevant the signal engineering standards, including E7500, Signalling and Control Systems safety critical processes, E7501, Alterations to the signalling systems and E7502, Irregular adjustment of signals, when determining the level of authority required to authorise the task.

- 3.2.2.3 If a more senior level of authorisation is required the following factors shall be considered: