

Category 1 Standard

S1202 Signal Equipment Overhaul

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1 Purpose

- 1.1 The purpose of this standard is to define the principles by which the overhaul of signalling equipment shall be specified and managed. It shall apply to all equipment taken into use, both as maintenance replacements for existing assets and for 'new works'.

2 Scope

- 2.1 This standard applies to all persons responsible for the tasks of overhaul specification, procurement and execution, and to those responsible for the end use of overhauled signalling equipment.
- 2.2 Signalling equipment whose performance is affected over time by wear or other forms of degradation, may in appropriate cases (as determined by the Equipment Design Custodian on behalf of the Professional Head of Signalling) be overhauled by a contractor who is able to provide satisfactory evidence of competence in relation to the type of equipment concerned.
- 2.3 The performance requirements for the equipment and its critical components shall be specified by the Equipment Design Custodian. In doing so, the Equipment Design Custodian shall consult with the Application Design Authority for the signalling installation in which the equipment will be used, to ensure that the critical application requirements are correctly reflected in the equipment performance requirements.
- 2.4 The detailed processes for carrying out the overhaul shall generally be devised by the contractor.
- 2.5 Both the Equipment Design Custodian and the overhauling contractor shall be responsible for identifying the risks which are relevant to their areas of responsibility, and for incorporating appropriate safeguards, to the satisfaction of the Professional Head of Signalling.
- 2.6 Nothing in this standard shall prohibit technical discussions between any of the parties involved, but an LU contract manager shall be specified as the single point of contact between LU and the overhauling contractor to be responsible for matters of contractual agreement.
- 2.7 This standard replaces 1-202 A1. The Standard has been re-formatted and re-numbered. There were no technical changes.

3 Requirements

- 3.1 Overhaul of signalling equipment shall be carried out in accordance with this standard. The term overhaul shall include not only restoration following failure or maintenance exchange, but also the preparation of equipment for use in 'new works', both full overhaul and limited 'inspect and test' processes.
- 3.2 Unless otherwise specified, equipment that has been overhauled shall have a functional performance, a safety integrity, a reliability, an expected service life in its installed condition, and a shelf life equivalent to that of a new component. These parameters shall be specified by the Equipment Design Custodian.