PPLREEP03

Establish the operational condition of electrification and plant assets

Overview

This standard is about establishing the operational condition of electrification and plant assets. This could include intrusive or non-intrusive inspection or other methods appropriate for the asset. At all times the inspection or other methods must be approved by your organisation.

The assets may include:

- contact systems (OLE, Conductor rails)
- power supply equipment

The assets may also include one or more components in the following areas:

- structural
- mechanical
- electrical

The types of activities could vary and will generally be multi stage processes. At all times you will be working to within the limits of your own responsibility and report any instances where the activities cannot be achieved to the relevant person(s), this may include following reporting, recording and escalating procedures.

Performance criteria

You must be able to:

P1 maintain safe working practices and comply with all relevant health and safety regulations, directives, and guidelines
P2 source and interpret the relevant specifications for the asset(s) being checked
P3 identify, analyse and determine the sequence of the activities to be undertaken
P4 identify the equipment and components to be checked
P5 carry out the activities within the limits of your own authority
P6 carry out the activities in the specified sequence and within the timescales set by your organisation
P7 confirm the operational condition of the asset(s)
P8 complete relevant documentation in line with your organisation's procedures
P9 identify where the operational condition of the asset(s) may affect the functional integrity and safety of the operational system
P10 report any instances where the activities cannot be fully completed

Knowledge and understanding

You need to know and understand:

K1 the relevant health and safety regulations, directives, guidelines, and safe working practices and procedures as defined by your organisation
K2 how to source and interpret specifications and instructions that are approved by your organisation
K3 how to identify discrepancies in specifications and instructions, including, as appropriate version control
K4 how to identify and analyse the activities to be undertaken
K5 how to identify the equipment and components to be checked
K6 your organisation's methods and techniques for establishing the operational condition of the asset(s) relevant to your role
K7 the importance of carrying out activities in the specified sequence, within organisational timescales agreed
K8 the implications of when activities cannot be completed
K9 the types of conditions and activities that would impact on the functional integrity and safety of the operational system
K10 the relevant reporting lines and procedures that are approved by your organisation
K11 the limits of your own authority and responsibility and those of others involved

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