

Electricity Supply Points, Distribution Cabinets Switchboards and associated cables except signalling supplies

1. 'D' EXAMINATION

1.1. Occupied buildings and public areas only

- a) Check that the RCD trips when the test button is operated

2. 'E' EXAMINATION

2.1. Unoccupied buildings and lineside locations

- a) Check that the RCD trips when the test button is operated

3. 'F' EXAMINATION

3.1. All electrical installations

- a) Obtain previous periodic report and check whether or not there are any outstanding reported defects
- b) Clear vegetation / debris from the interior, exterior, base and doors of any cabinet.
- c) Check identification and warning signs for presence, satisfactory condition and security.
- d) Check cabinet door, hinges, lock and handles for security and correct operation. (Lubricate as necessary)
- e) Check that the periodic "electrical inspection/testing" label is clearly displayed and in date.
- f) Carry out an annual injection test on any RCD with an approved RCD tester and fix a label stating date test carried out. Record the test results.
- g) Check that all appropriate labels and warning notices are clean and in place
- h) Test E.P.U. for correct operation
- i) Check that anti-condensation heater and lamp (if fitted) are operable. If heater is equipped with a thermostat, check settings.
- j) Personnel Barriers: check condition and security.
- k) Anti-vermin Barriers: check condition and security.
- l) Check that "as fitted" equipment aligns with schematic drawing.
- m) Check indicator lights for satisfactory condition and security
- n) Check switches and buttons for satisfactory condition and security
- o) Clear cabinet and switches etc..from dust and debris.

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- p) Check access to the switchroom and its equipment is not obstructed.
q) Visually examine for :-

- breakages from any switchgear item.
- signs of wear / deterioration.
- Signs of overheating
- Missing parts (covers, screws etc.)
- Loose fixings

- r) Carry out a cursory check of all fuse holders and/or circuit breakers for satisfactory condition and security
s) Check that the switchroom is clean and tidy

3.2. Distribution Board

- a) Check board for signs of corrosion or physical damage etc. (Touch up paintwork, if necessary).
b) Check for presence of moisture (report if significant).
c) Check board door(s) for satisfactory condition, security and operation, confirming a secure closure.
d) Check presence, legibility and accuracy of circuit charts.
e) Carry out a cursory check of all fuse holders and/or circuit breakers for satisfactory condition and security
f) Check all conduit, trunking and cable gland terminations for satisfactory condition and security

3.3. Low Voltage Transformer

- a) Check all cable, trunking and conduit entries for satisfactory condition and security.
b) Check for satisfactory condition, cleanliness and security