

## Electrical Installation Condition Report Explained

Electrical Installation Condition Report may also be known as:

- Periodic Inspection & Testing
- Fixed Wire Testing
- Hard Wire Testing
- Test & Inspection
- Fixed Testing
- Periodic Testing
- Electrical Testing

Fixed Installation Testing involves the testing of electrical services and systems that conduct electricity around a building. It covers all of the hard wiring in a building and includes items such as main panels, distribution boards, lighting, socket outlets, air conditioning supplies and other fixed plant.

Fixed Installation Testing involves a performing a sequence of rigorous visual inspections and electrical tests on all systems in the building.

The results and extent of the testing is recorded on an Electrical Condition Report and provided to the person ordering the inspection. The report includes the extent of the work, limitations, details of defects and dangerous conditions, and schedules of inspections and test results.

Immediately dangerous conditions will be rectified or reported without delay to the relevant duty holder. Other recommendations and observations will be reported using a numbering system to indicate the severity of each observation.

### Workplace Disruption

Fixed Installation Testing requires the isolation of the electrical supply at various times during the inspection. This will cause disruption to the users in a building and for this reason is something that requires careful planning.

We will carry out a full survey of the installation prior to the commencement of any inspection and testing programme. This will ensure that any disruption will be kept to a minimum.

In practice it is often advisable to arrange for Inspection and Testing to take place outside of normal working hours, either overnight or at weekends. This will allow more or less free access to the installation without concern for the productivity or the Health & Safety of the users in the building.

There may still be concerns regarding IT Systems, Servers, Telephony Systems and Building Management Systems which will not react well to sudden power downs. These issues are best dealt with by careful planning of the timing of testing in critical areas and working in conjunction with IT Departments and any other interested parties.

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## Periodic Inspection Report

Following the completion of any Electrical Installation Condition Report and Test programme Speakman Contractors Ltd will provide you with a full and detailed Report for the works carried out.

The report will include details of the following aspects on the Inspection and Test:

- Details of the client and installation
- Extent and limitations of the inspection
- Supply characteristics and particulars of the installation
- Schedule of items inspected and tested
- Schedules of circuit details and test results
- Summary of the inspection and test
- Observations and recommendations for actions to be taken
- Signed declaration

Certificates will be generated from our bespoke software package and be in PDF format

## Observations and Recommendations

Your Report will include details of 'Observations and Recommendations for Actions to be Taken', sometimes referred to as remedial actions, this will be followed by an estimation/quotation for any remedial works should it be necessary.

The NICEIC format for reporting observations and recommendations is as follows:

Where observations are made the inspector will have entered one of the following codes against each observation to indicate the action (if any) recommended

- C1. Danger present. Immediate remedial action required.
- C2. Potentially dangerous. Urgent remedial action required.
- C3. Improvement recommended.

If you require any further information please do not hesitate to contact Speakman Contractors at [info@speakmancontractors.co.uk](mailto:info@speakmancontractors.co.uk)

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