

Fixed Electrical Wiring

Fixed Installation Testing & Periodic Inspection Testing

Fixed Installation Testing



Fixed Installation Testing involves testing the electrical systems that conduct electricity around a building.

Anything electrical in a building that is fixed such as lighting, socket outlets, air conditioning and fixed machinery needs to be tested.

Frequency of Inspections

The frequency of the periodic inspection and testing must be determined taking into account:

- 1.the type of installation
- 2.its use and operation
- 3.the frequency and quality of maintenance
- 4.the external influences to which it is subjected.

It is recommended that periodic inspection and testing is carried out at least every:

- 1:10 years for a domestic installation
- 2:3 years for a commercial installation depending on condition of property and use
- 3: 1 year for swimming pools

Other instances when a periodic inspection should be carried out are:

- 4:When a property is being prepared to be let
- 5:Prior to selling a property or when buying a previously occupied property
- 6: Change of use
- 7: Building ownership

Scope

The requirement of [BS7671](http://www.tee.org/) <<http://www.tee.org/>> IEE Wiring Regulations, for periodic Inspection and Testing is for **INSPECTION** comprising careful scrutiny of the installation without dismantling, or with partial dismantling as required, together with a sequence of tests (as detailed below) considered appropriate by the person carrying out the inspection and testing.

ElectricalUK has skilled staff qualified to conduct these tests in a safe and orderly manor.

Testing is conducted in accordance with BS 7671 Requirements for Electrical Installations Guidance Note 3, the recognize document for fixed installation testing & periodic inspection testing in buildings.