



ELECTRICAL TESTING

ELECTRICAL INSTALLATION CONDITION REPORT OR EICR

Electrical Installation Condition Report or EICR is a full inspection and test of a buildings fixed electrical wiring which includes all fixed electrical mains cabling, electrical distribution boards and goes right through to the final electrical outlets such as electrical sockets, fused spurs, light fittings, switches etc.

To ensure the safety of the building users it is imperative that every installation is periodically inspected and tested as recommended by BS7671:2008 (Regulation 135.1). The Electricity at Work Regulation (1989) Regulation 4 states: *“As may be necessary to prevent danger, all systems shall be maintained to prevent danger, so far as is reasonably practicable”*.

The Electrical Installation Condition Report (EICR) compares the electrical installation within a building to the requirements of the British Standard that all electrical installations within the UK should meet namely BS7671. Where an installation is found to be non-compliant with BS7671 a deviation is recorded and categorised as;

- C1** - Danger present, Risk of injury - Immediate remedial action required.
- C2** - Potentially dangerous - urgent remedial action required.
- C3** - Improvement recommended.
- FI** - Further investigation required.

The electrical installation will be categorised on the electrical installation condition report (EICR) as either a satisfactory or unsatisfactory electrical installation. Where a EICR records any C1 or C2 deviations from BS7671 then it must be categorised as an unsatisfactory electrical installation.

The frequency of inspection and testing derives from your risk assessment but the following may be used as a general guide:

- Domestic Houses** - every 10 years
- Industrial Premises** - every 3 years
- Commercial Premises** - every 5 years

**ELECTRICAL TESTING
TO COMPLY WITH
BS7671 ✓**