



Electrical Test & Inspection Service Complying With British Standard BS7671:2008 17th Edition (IEE Wiring Regulations and Guidance Notes)

All employers have legal obligations under the health & safety at work Act 1974 and the Electricity at work Regulations 1989 to ensure that electrical installations and equipment in places of work are safe. The Periodic Test and Inspection commonly known as "**Fixed Wire Testing**" is one method of ensuring your electrical distribution system is safe.

Scubair Ltd offers a range of Testing and Inspection programmes that can be tailored to suit your facility. We only provide experienced engineers certified to City & Guilds 2360/2391 and IEE Wiring Regulations (17th Edition) qualifications.

Please see attached guide to frequency of testing recommended by BS7671 17th Wiring Regulations.

Part 1: What We Do - The Testing Programme.

Before we commence the test, we will walk the site with you to identify all the areas that have been previously agreed against a programme of work.

We will agree the visit plan to make sure that we keep any disruption to your administration or production operations to a minimum.

On arriving on site, the engineers will sign in and undergo any site specific Health & Safety training required.

All equipment to be tested will be disconnected from the mains supply. The testing will proceed against our pre-agreed programme.

Any serious faults identified will be brought to the notice of the onsite representative for further instructions.

The pre-arranged testing programme will continue until completed.

Once an area has been completed, we will notify the onsite representative and move on to the next area in the programme.

The report is discussed and issued.

Part 2: What we do to meet the Schedule of Inspection to comply with - BS7671:2008 17th Edition.

1. Visual Inspection.
2. Continuity of Protective Conductors and earthed equipotential bonding.
3. Polarity.
4. Earth Loop Impedance.
5. Insulation Resistance.
6. Operation of devices for Isolation and Switching.
7. Operation of Residual Current Devices.



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Initial Frequencies of Inspection of Electrical Installations Recommended by BS7671 17th Edition Wiring Regulations

Type of Installation	Routine check (sub clause 2.1.4)	Maximum Period between inspections and testing as necessary
Domestic	Tenancy Change	10 Years
Commercial	1 Year	Tenancy Change / 5 Years
Educational	4 Months	5 years
Hospitals	1 Year	5 Years
Industrial	1 Year	3 Years
Residential Accommodation	Change of Occupancy / 1 Year	5 Years
Offices	1 Year	5 Years
Shops	1 Year	5 Years

Buildings Open to the Public

Cinemas	4 Months	1 Year
Church Installations	1 Year	5 Years
Leisure Complexes	4 Months	1 Year
Place of Public Entertainment	4 Months	1 Year
Restaurants & Hotels	1 Year	5 Years
Theatres	4 Months	1 Year
Public Houses	1 Year	5 Years
Village Halls / Community Centres	1 Year	5 Years

External Installations

Agricultural and Horticultural	1 Year	3 Years
Caravans	1 Year	3 Years
Caravan Park	6 Months	1 Year
Marinas	4 Months	1 Year
Fish Farms	4 Months	1 Year

Special Installations

Emergency Lighting	Daily / Monthly	3 Years
Fire Alarms	Daily / Weekly / Monthly	1 Year
Launderettes	1 Year	1 Year
Petrol Filling Stations	1 Year	1 Year
Construction Sites	3 Months	1 Year