

DataTrak™



Fixed Wire Testing



pat testing
fixed wire testing
asset tracking
it audits
energy audits
risk assessments
dse assessments
cable management
pat training
asset management software
it auditing software
pat hardware
labels & accessories



Peace of mind for you

Why do you need fixed wire testing?

Fixed Wire Testing, also known as Periodic Inspection, is an inspection on the condition of an existing electrical installation, to identify any deficiencies or faults in the electrical system that could be dangerous. The testing itself is completed to the current electrical safety standard for installations, although this doesn't necessarily mean that the installation must be upgraded to match the latest standard.

Why is a periodic inspection needed?

Electricity can kill. Each year about 1000 accidents at work involving electric shock or burns are reported to the Health and Safety Executive (HSE). Around 30 of these are fatal. Even non-fatal shocks can cause severe and permanent injury.

Every electrical installation deteriorates with use and time. Therefore, if the safety of the users is not to be put at risk, it is important that every installation is periodically inspected and tested by a competent person. Indeed, it is recommended in BS 7671:2008 (Regulation 135.1) that every electrical installation is subjected to periodic inspection and testing.

The inspection and testing should be carried out at appropriate intervals in order to determine what, if anything, needs to be done to maintain the installation in a safe and serviceable condition.

It is recommended that Periodic Inspection and testing is carried out at least every:

- 10 years for domestic installations
- 5 years for a commercial installation
- 3 years for caravan sites
- 1 year for swimming pools

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

- When a property is being prepared to be let
- Prior to selling a property or when buying a previously occupied property

A periodic inspection will:

- Reveal if any of your electrical circuits or equipment is overloaded
- Find any potential electrical shock risks and fire hazards in your electrical installation
- Identify any defective DIY electrical work
- Highlight any lack of earthing or bonding

Tests are also carried out on wiring and associated fixed electrical equipment to check that it is safe. A schedule of circuits will also be provided, which is invaluable for a property.

What do we provide?

We will check the electrical installation against the requirements of BS7671 - Requirements for Electrical Installations (IET (formerly IEE)

WHY USE US?

- YEARS OF EXPERIENCE
- RELIABLE AND CONVENIENT SERVICE
- CITY AND GUILDS QUALIFIED ENGINEERS
- £10 MILLION PUBLIC LIABILITY INSURANCE
- ISO 9001 REGISTERED
- BRITISH SAFETY COUNCIL MEMBERS
- SAFE CONTRACTOR APPROVED
- GOVERNMENT TRUST MARK ENDORSED
- CONCOM REGISTERED
- FULL PERIODIC INSPECTION REPORT AND DATA PROVIDED



Wiring Regulations) - as amended, which is the national safety standard for electrical installations, and contains around 850 Regulations.

The Periodic Inspection will take into account all relevant circumstances including the following factors:

- Adequacy of earthing and bonding
- Suitability of the switch gear and control gear e.g. distribution boards, light switches etc.
- Serviceability of equipment e.g. switches, socket-outlets and light fittings
- Presence of adequate identification and notices
- Extent of any wear and tear, damage or other deterioration
- Changes in use of the premises which have led to, or might lead to, deficiencies in the installation.

We will provide a Periodic Inspection Report (PIR) as part of the Periodic Inspection.

Flexible and comprehensive service - competitive price

What is a Periodic Inspection report?

A Periodic Inspection Report (PIR) is a formal method of recording the findings of the Periodic Inspection.

The main purpose of a PIR is to report on the safety condition of an existing installation. It will describe the overall condition as either 'satisfactory', in which case no immediate remedial work is required, or 'unsatisfactory' which means remedial work is required to make the installation safe to use.

It will also include a summary of the inspection in the report, which will give a clear indication of the condition of the electrical installation, taking into account all relevant circumstances.

What happens after a Periodic Inspection?

That is up to you, however, any recommendations regarding the safety on the installation should be carried out immediately, and we will provide a no-obligation quote for any required work.

What does it cost?

The cost really does depend on your situation. We normally charge a per-circuit rate, with a minimum charge per day. We can complete testing out of hours (which causes less disruption and testing is completed quicker) and we can provide many extras such as distribution board labeling, outlet / switch labeling, Emergency Light testing, and various levels of full accessory checks.

We believe that we offer one of the most flexible and comprehensive services available, at a very competitive price - in fact, if you receive a cheaper quote, let us know and we will try our best to beat it.

To discuss your requirements or to arrange for a free site survey and quote please get in touch.



Qualified Engineers

All engineers are trained to a high standard and achieve City & Guilds qualifications in the appropriate subjects where appropriate.



Trusted and Professionally Accredited

We are:

Government Trust Mark endorsed

ISO registered and certified

A member of the British Safety Council

Safe Contractor Approved

Concom registered

Fully insured with £10 Million liability cover



Electronic Reporting

All documentation is provided electronically to ensure you receive your test results as quickly as possible - it also helps the environment by saving paper, electricity and carbon emissions from vehicles used to deliver post.

PAT TESTING
ASSET TRACKING
FIXED WIRE TESTING
MANAGEMENT SOFTWARE
AND MORE

The DataTrak Head Office is located in Milton Keynes. Our engineers, however, are located around the UK - hence our nationwide service.

Although a relatively young company, the Board and Senior Management of DataTrak can offer a wealth of experience in facilities management, software design & development, IT management and providing service to customers.

We offer not only a range of quality services and products but also a very competitive pricing structure. Our Company policy though is simple - a total commitment to quality customer service at all levels.

Safety is a core value of our company. All DataTrak people, from leadership down to everyone in the field, personally challenge the notion that injuries will occur and hold the conviction that every accident is preventable. That's why our safety performance is second to none.

Our Customer base straddles the whole spectrum of commerce and industry - both private and public. For a number of years DataTrak has been recognised as a leader in our field. We are proud of our past but are looking to the future.

DataTrakTM

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Version 7.11b

