

The non-disruptive
alternative to
Fixed Wire Testing



Shutdown impractical?

An increasing number of businesses find it impractical to shut down their site for electrical safety testing to take place. If you are one of them, then Elecheck's unique **irPIR Safety Inspection™** service is for you. The service is conducted while an installation is 'under-load' resulting in no interruption to your business activities. Utilising a combination of innovative Infra-Red imaging and the expertise of an Electrical Engineer, the **irPIR Safety Inspection™** service delivers compliance with BS7671:2008 with none of the disruption normally associated with traditional methods of Fixed Wire Testing.

How does it work?

The **irPIR Safety Inspection™** is a unique solution for necessary periodic electrical inspections. Unlike a traditional EICR, your installation is inspected while it is live to develop an understanding of how your installation operates while under load. By combining Infra-Red imaging and analysis with a 100% visual inspection and board readings, the **irPIR Safety Inspection™** will identify faults at the board such as:

- ✓ Excess heat anomalies in your distribution board, one of the earliest indicators of fire risk
- ✓ Faulty or inadequate components such as terminations, MCB's, RCD's and Cabling
- ✓ Inefficiencies in your electrical system that can significantly increase the risk of breakdown and injury

Is it compliant?

In the 2008 amendment of **BS7671** (the relevant guidance for the application of the Electricity at Work Act 1989) a provision was made for businesses that find it impractical to shut down their system for a Fixed Wire Test. This provision considered a Thermographic or infra-Red inspection suitable in certain cases. Guidance on the regulations specifically refer to **manufacturing, healthcare and finance** as especially relevant sectors but any business that can justify the impracticality of a system shut down is compliant with the law.

Why **irPIR Safety Inspection™**?

There are many benefits in selecting the **irPIR Safety Inspection™** for your business. Not only will you receive a service that can help guarantee your compliance but one that is cost effective and delivered by an experienced health and safety specialist.

1 Reduced Downtime

Occupants on your site will not be inconvenienced and business operations will not be interrupted by our inspections. In fact, we recommend normal electrical usage on site for accurate reporting.

2 Cost Effective

*This service delivers substantial cost savings against a traditional Fixed Wire Test. On average; our clients save up to **25%** when they choose this service with Elecheck in addition to significant savings achieved by reduced downtime on site.*

3 Proactive Fault Identification

irPIR Safety Inspection™ proactively identifies any faults or early signs of degradation that may not be visible to the eye. By identifying and repairing these faults early, you are working to prevent costly damage to your site in the long term.

4 BS7671 Compliance & Simplicity

This service delivers cost effective compliance with BS7671:2008 with none of the disruption. What's more, our Illustrated reports use the standard EICR reporting system (C1, C2, C3, Info) for your convenience.

5 Identification of Fire Risk

Unlike a traditional Fixed Wire Test, irPIR identifies faults by detecting excess heat on a distribution board through thermographic imaging. The source of this heat can be a faulty component that, if left unchecked; may lead to fire.

As well as many fantastic benefits that come as standard, such as:

- ✓ A reliable service developed over 20 years
- ✓ A dedicated support team to help keep your compliance simple
- ✓ Concise, fully illustrated reports delivered in a format to suit you
- ✓ A comprehensive guarantee of price, service and performance

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How Does it Compare?

	Traditional EICR/PIR	Standard Thermographic Survey	irPIR Safety Inspection™
Digital photo of Distribution Board for Easy	✓	✓	✓
Identify any damaged electrical fittings and	✓	✓	✓
Identification of overloading within	-	-	✓
Identification of exposed live parts	✓	✓	✓
Defect list detailing faults identified which require	✓	✓	✓
Quotation for correcting identified faults for	✓	-	✓
Identify insulation breakdown and poor earthing of	✓	-	-
Warning labels fitted at time of test	✓	-	✓
Reports branded with your corporate logo	✓	-	✓
Schematic Drawings	✓	-	-
Encapsulated DB Charts	✓	-	-
'As Fitted' Drawings	✓	-	-
Labelling of Accessories (Sockets, Switches etc.)	✓	-	-
Urgent remedial works carried out at time of test	✓	-	✓
Traffolyte labelling of Distribution Boards	✓	-	-

✓	Provided as standard	✓	Available on request	-	Not included
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'I have found their service to be thorough and professional. I have recommended them to colleagues within the company.'



'Elecheck's staff were polite and professional from start to finish.'



'As promised, there was no disruption to our business'

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