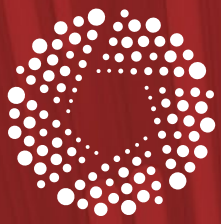
The journey to Electrical Solutions

Energy as a service

Product series
May 2018

centrica
Business Solutions

The Power of Electrical Solutions



Powering Resilience

By ensuring all aspects of your electricity network run perfectly, you can protect your business against potential failures and compliance issues

Powering Performance

Electrical Solutions helps you make the most of your supply, assisting you with the best equipment for your needs and improving your management of power

Powering the Future

Electrical Solutions can improve productivity, ensuring your electrical infrastructure and equipment operate at their optimum and that your staff are comprehensively trained

Safety in numbers

In these days of intense competition, businesses can't afford interruptions in productivity, particularly those that are preventable.

Finding the time to regularly inspect your electrical infrastructure, make sure your staff are properly trained and keep up with seemingly endless compliance and regulations – all while maintaining operations – only adds to the pressure.

But making sure those needs are met is key to a resilient business performance, not just in productivity but also in areas of safety. Duty Holders have a legal responsibility to provide safe systems, safe environments and safety of their people.

Centrica Business Solutions is here to help.

Making Electrical Solutions work for you

Whatever your business, you can benefit from Electrical Solutions.

Whether it's giving your equipment a health check, improving the way you manage your energy volumes, boosting efficiency levels or ensuring your staff are thoroughly trained – we can help you become more resilient.

If everything is running smoothly, you improve productivity and reduce the risk of failing to comply with regulations.

Electrical Solutions allows you to choose from a combination of services, tailored to meet your individual requirements. It's a flexible approach built around you.

Electrical Solutions – at your service

Centrica's Electrical Solutions covers four main areas:

Design and Installation

Designed to give you greater control over operational efficiency, energy usage, employee safety and electrical legislation compliance, design and installation services include:

- Electrical Installation
- Energy Reduction
- Process Engineering
- Machine Safety
- Maintenance Services
- Water Industry Design and Maintenance

Compliance and Periodic Inspection

We offer a three-tiered compliance and periodic inspection service, as well as a Water Industry Compliance and Inspection:

- Basic Interim Inspection
- Electrical Safety Assessment
- Full Periodic Wiring Inspection and Test
- Emergency Lighting
- Portable Appliance Testing
- Load Analysis
- Thermographic Surveys
- Hazardous Area Inspections
- RCD Testing
- Leakage Monitoring of Microwave Ovens

Electrical Training

Our extensive range of electrical courses gives you and your staff the practical skills to keep employees safe and your business operating smoothly:

- Qualifications in competence, risk management, health and safety
- Tailored courses at approved training centres across the UK, with on-site options available
- Conforming to the very latest industry standards and legislation
- Nationally recognised as a City & Guilds, CompEx and BCIA accreditation centre
- City & Guilds and CPD accredited courses
- Bespoke training service to suit your needs

Electric Vehicle Charge Points

We are recognised leaders in installing electric vehicle charge points and have our own fleet of electric vehicles and charge points on our own estate. Our services include:

- Dedicated charging solution
- Suitable for any business size – fleet operator to sole trader
- End-to-end service delivery

The importance of electrical safety

Safety at work is imperative. Electrical Solutions will help ensure you cover your duty holder responsibilities.

The role of a duty holder

The duty holder is the person charged with the overall management of electrical safety for the company.

Their role is to:

- Effectively manage electrical safety for an organisation or company
- Create a safe system of work (safe plant and equipment, safe people and safe working procedures)
- Decide on the degree of maintenance required if danger is identified
- Seek all the information they need from manufacturers and specialist organisations prior to making a judgement

Inspection reviews

Detailed inspection and testing may not ensure the ongoing safety of an electrical installation when you consider the daily wear and tear.

To determine how often an inspection should be carried out, the following needs to be considered:

- The environment of the equipment
- The business nature
- The location of the business

With this knowledge, a maintenance guide for 3 to 5 years can be determined, as well as an ongoing maintenance regime.

Electrical Solutions in three steps

We work with duty holders to ensure they meet their compliance obligations, providing a three-tiered route to electrical compliance co-ordinated to individual business needs.

1. Basic Interim Inspection

A detailed visual inspection of the electrical systems at your premises followed by a report highlighting any risks or defects, including recommendations from our expert team based on these findings.

This option is the most cost-effective and is your first step towards compliance with the Electricity at Work Regulations 1989.

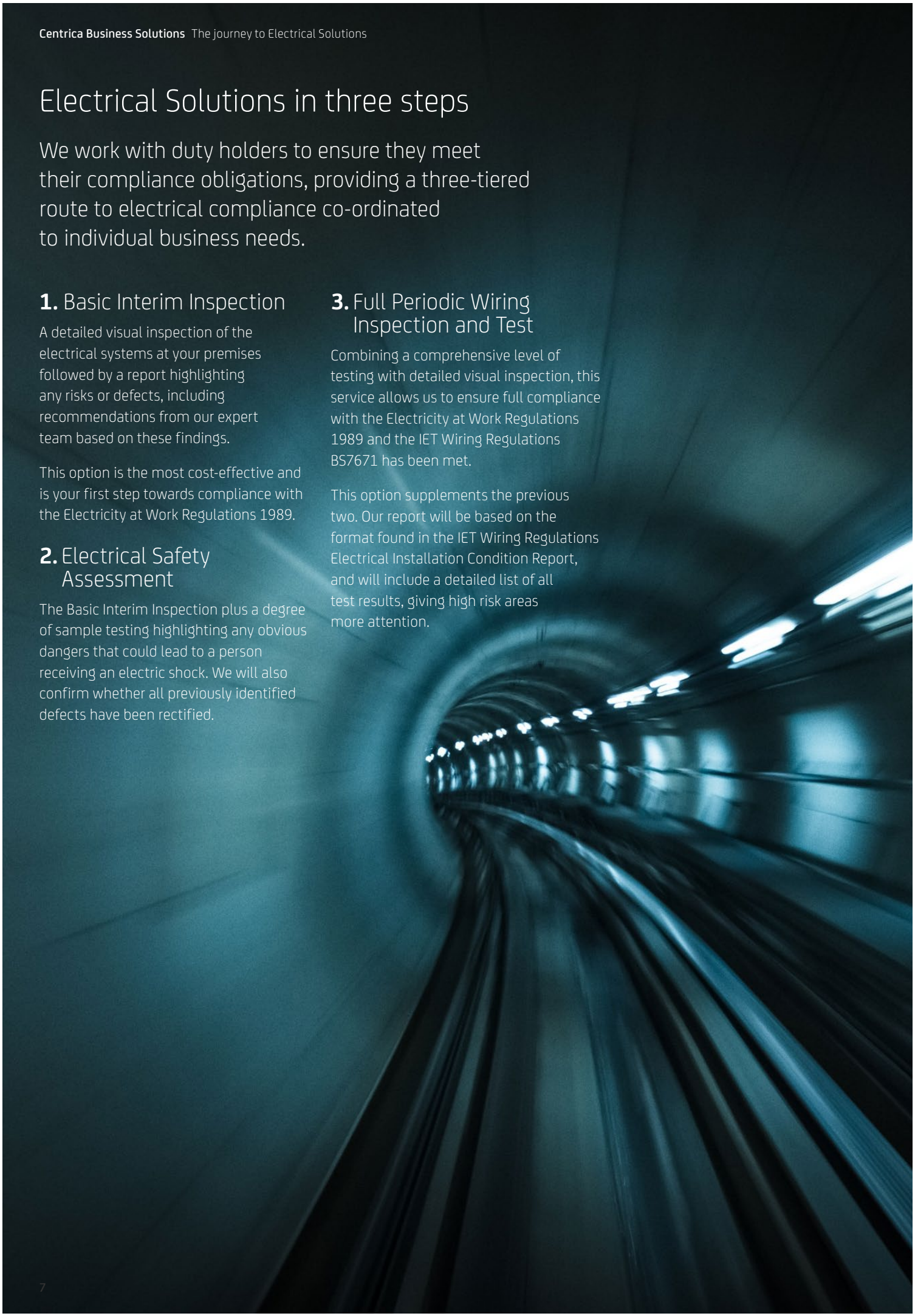
2. Electrical Safety Assessment

The Basic Interim Inspection plus a degree of sample testing highlighting any obvious dangers that could lead to a person receiving an electric shock. We will also confirm whether all previously identified defects have been rectified.

3. Full Periodic Wiring Inspection and Test

Combining a comprehensive level of testing with detailed visual inspection, this service allows us to ensure full compliance with the Electricity at Work Regulations 1989 and the IET Wiring Regulations BS7671 has been met.

This option supplements the previous two. Our report will be based on the format found in the IET Wiring Regulations Electrical Installation Condition Report, and will include a detailed list of all test results, giving high risk areas more attention.



Electrical Solutions in action

Stephenson Control Systems

The right connection to deliver a complete design-to-installation service

Dual control

To meet critical install criteria from customers, Stephenson Control Systems must assemble flexible, expert project teams. But in doing so it risks diverting attention from its core competency – the design and manufacture of electrical control systems.

Therefore, it relies on Centrica to manage its installation projects across the UK, providing the right expert and highly trained resource for each project. The required teams can vary from two to thirty engineers and from periods of two days to two weeks.

Total success

Through its connection to Centrica, Stephenson Control Systems can offer customers a complete end-to-end solution, from design to build to install. Together they can fulfil projects including safety upgrades, panel installation and machinery upgrades – many completed within demanding shutdown windows.

20-YEAR
PARTNERSHIP

END-TO-END
COMPLETE SOLUTION FROM DESIGN TO INSTALL

Want to know more?

Centrica are helping businesses take control of their electrical infrastructure across all types of industries. Find out how we can help you power your resilience today.

centricabusinesssolutions.com

centrica
Business Solutions

© 2018 Centrica plc. Registered office: Millstream, Maidenhead Road, Windsor, Berkshire. SL4 5GD. Registered in England & Wales No 3033654