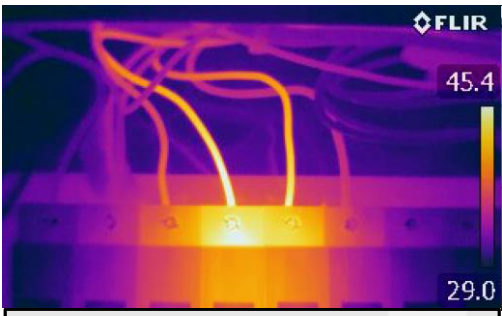


## Project Profile

An energised electrical maintenance program for a major industrial manufacturer



**A global innovation company that never stops inventing. Over the years, its innovations have improved daily life for hundreds of millions of people all over the world.**

*“The adi TEGG Service team’s technology based approach, focused on compliance, safe working practices, problem solving and cost savings is a very professional and exemplary service. They certainly tick all the boxes for energised electrical testing*

**adi TEGG Service provides:**

- Energised electrical maintenance test and inspection without shutting down the electrical system
- Fully comprehensive online reports and fault diagnostics
- Time served and qualified technicians with level 2 thermography

### The Opportunity

3M has been a customer of the adi Group across the UK for many years. adi TEGG Service owns three TEGG franchises in the UK (East Midlands, West Midlands & Wales and the South). Combined, it is Europe’s largest TEGG Service provider of energised electrical preventative maintenance programmes. It also provides an alternative regime to conventional ‘fixed wire’ testing.

Following a 3M internal audit, adi TEGG Service was asked to test the integrity of the LV Electrical Distribution Supply at their Atherstone site.

### The Solution

The test program included: ultra-sonic analysis, thermal imaging surveys, power quality analysis, phase balance and load measurements, earth loop impedance and prospective fault current tests

The customer was very impressed with the comprehensive report and also our proficiency, capabilities and cost effectiveness. Not least, this was based on the potential benefits of innovative energised testing without any supply interruptions. As a result, adi TEGG Service was asked to undertake full site surveys at five more 3M sites in the UK.

As well as innovation, the program delivered operational cost savings of over 40% compared to conventional testing methods, as well as being significantly quicker, coupled with the ability to free up 3M’s internal resource utilisation. The solution is Compliant with BS7671:2008 (2015) as well as the Electricity at Work Act (1989).

### The Benefits

- Energised testing is significantly quicker and is achieved without any supply interruptions, maintaining business continuity
- Risk assessment and management processes enhanced by finding previously undetected critical faults.
- A comprehensive report is submitted on completion of each programme with IET Electrical Installation Condition Report certification, including a searchable web based database.
- Any large site fixed wire testing process can now be easily achieved within months rather than years.

### Get in touch:

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