



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, exemplary service. They certainly tick all the boxes for energised electrical testing

Geoff Armstrong, Group Principal Electrical Engineer, 3M UK

adi TEGG Service provides:

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

Get in touch:

Ashley Sweet
Business Development
adi TEGG Service
Tel: 07964 035578
Email: asweet@adilttd.co.uk
www.adilttd.co.uk

The Opportunity

3M has been a customer for the adi Group for many years and adi TEGG Service manages three TEGG franchises in the UK (East Midlands; West Midlands and the South West) and combined, is Europe’s largest TEGG Service provider of energised electrical preventative maintenance programmes. It also provides an alternative regime to conventional ‘fixed wire’ testing. We aim to be innovative like 3M.

In early 2014, following an audit, adi TEGG Service was asked to test the integrity of the LV Electrical Distribution Supply at 3M’s Atherstone site.

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

The Solution

The customer was impressed with the comprehensive report and our proficiency, capabilities and cost effectiveness, 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 sites in the UK.

The result was that operational cost savings of over 40% were achieved, compared to conventional testing methods, as well as being significantly quicker, couple with the ability to free up better resource utilisation. The solution is Compliant with BS7671:2008 (2015) and 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.
- Comprehensive report 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.