

## Who we are

We are Eurofins E&E UK, a provider of world-class compliance, certification, testing services for manufacturers, product designers, importers and retailers of electrical and electronic products.

Whether you are designing a single product for the UK market or a range of products for multiple global markets, we can provide support, guidance and product testing services to help get your product to market on time and within budget.

With our extensive scope of accreditation, experience and expertise, Eurofins E&E help you deliver compliant, safe and efficient products, now and in the future.

The services shown on this page are a summary of those available either directly from Eurofins E&E UK or through the global Eurofins E&E network of laboratories.

Please contact us to discuss any product compliance, certification or testing that you need, whether it is listed on this page or not.

## Product Safety

A comprehensive range of product safety testing, certification & approvals including:

- Electrical Equipment (Safety) Regulations 2016 for UKCA Marking
- LVD (Low Voltage Directive) testing for CE Marking
- NRTL Safety Services for the US & Canada with the MET Mark & Eurofins E&E North America
- Global Product Safety Compliance with the IECEE CB Scheme + Region-specific safety certifications
- 13A UK Plug Certification, BS 1363, BS 8546, IEC 60884 + Regional Deviations
- ENEC Certification
- ELEXON Testing for unmetred supply equipment
- Cable glands for electrical installations
- Electrical resistance trace heat testing

## Explosive Atmospheres

- International (IECEx)
- EU (Notified Body for ATEX Directive 2014/34/ EU for CE Marking)
- UK (UKEX Approved Body for UKCA)
- USA & Canada (NRTL with the MET Mark)
- Japan (MHLW Approved Certification Body)
- Other regions (Brazil, South Korea, China, South Africa)

## Test Equipment Calibration

- Laboratory & On-Site UKAS accredited calibration of
  - Receivers with full quasi-peak response
  - Surge, Burst Transient & EFT Generators
  - Line Impedance Stabilisation Networks (LISNs)
  - Surge & Transient Generators
  - RF Power Amplifiers
  - Electro Static Discharge (ESD) Simulators
  - Spectrum Analysers & Harmonics/Flicker Analysers
  - CDNs (Coupling/Decoupling Networks)

## Compliance Support

Our compliance, certification and testing services support you through the complex and ever-changing world of Regulations, Legislation and Standards, ensuring you can focus on what matters to you: delivering products to your customers.

- Compliance roadmaps for new & future products
- Compliance maintenance for your existing products
- Standards, Regulations & Legislation watching services for ongoing compliance
- Company-wide compliance strategies
- Declarations of Conformity, Technical Files, User Manuals & Product Labels
- ....and more

## EMC & Radio/Wireless Testing

- UKAS-accredited EMC testing
- Commercial, Consumer, Aerospace & Defence EMC testing
- Pre-compliance EMC testing
- Bespoke EMC testing
- On-site EMC testing
- Radio/Wireless Testing, Certification & Approval

## Training, Webinars & Seminars

A comprehensive range of training, webinar & seminars to help manufacturers, project engineers and designers achieve regulatory compliance in a knowledgeable and cost effective manner.

- Scheduled & Bespoke Training
- Product Compliance, UKCA/CE, EMC, EMF, LVD/Safety, Radio Equipment
- Rail, Military & Product EMC
- Explosive Atmospheres & Product Approval
- Quality Management System Requirements
- ISO 13485 Medical QMS
- In-house training available

## Performance, Reliability, IP & IK Testing

- Ingress Protection (IP) testing to IEC 60529 (including IP6X & IPX9)
- Impact Protection (IK) testing to EN/EIC 62262
- Temperature & Humidity testing including short & long-term stability
- Power consumption including EN/IEC 62301, EN 50564
- Performance to EN 50663, EPRI

- Current & Injection Clamps
- Power Meters & Sensors
- DCLF & High Voltage test equipment
- Pressure, Temperature & Dimensional measurement instruments
- Force & Torque up to 200Nm
- Antennas
- RF measurements up to 40GHz
- Complex quantities using LFNVA (Low-Frequency Vector Network Analysis)
- Noise sources, comparison noise emitters, comb generators and similar equipment

## Global Market Access Services

Obtain country-specific approvals and certifications with our dedicated service and deliver your products into global markets quickly and cost-effectively.

- Guidance and support
- RF / Wireless Approval
- EMC Approval
- Safety Approval
- Chemical Approval

## Expert Services

- Regulatory Compliance Management, Guidance & Support
- Whole-project EMC project planning, management & analysis
- Bespoke Testing & RF Engineering
- Modelling & Research
- EMF Surveys, Analysis & Risk Assessments

## Machinery Safety

- Machinery assessment services under the Supply of Machinery (Safety) Regulations 2008 (SMSR 2008) and The Machinery Directive 2006/42/EC
- CE/UKCA marking conformity assessment support
- Gap analysis and CE/UKCA audit of machines and production lines
- Risk assessment reviews to EN ISO 12100
- Electrical verification testing of machinery according to EN 60204-1
- Compliance verification against C-type standards assessment
- On-site machinery audit & testing services
- Provision and Use of Work Equipment Regulations (PUWER) In-use machinery assessment
- Design risk & Technical file reviews

## Reference Test Equipment

A range of reference noise and signal sources for the verification & test of EMC & RF measurement setups.

- CGE Comb Generator Emitters
- CNE Comparison Noise Emitters
- HFG Harmonics & Flicker Generators

## Management System Certification

- Quality Management System certification to ISO 9001:2015
- Medical Device QMS to ISO 13485:2016
- Quality Assurance certification for explosive atmospheres
- International (IECEx QAR)
- EU (ATEX, EU QAN)
- UK (UKEX, UK QAN)

## UK Approved Body & EU Notified Body Services

Eurofins E&E UK, and the wider Eurofins E&E network of laboratories provides a range of UK Approved Body and EU Notified Body services.

For details of the scope of accreditation for both UK AB and EU NB services, please contact us.

