eurofins | Electrical & Electronics

Core Services

cml

UK CA JPN IECEx INMETRO COMPLIANT

Eurofins E&E CML & Eurofins CML BV - The Global Leaders in Ex

Since 2013, Eurofins E&E CML has been a trusted provider of certification services for equipment used in potentially explosive atmospheres. Our service capacity expanded in 2018 with the addition of our subsidiary, Eurofins CML BV.

With over 30 staff in the UK, 4 in France and 2 in Japan, we are ideally placed to provide you with certification services for your products, no matter the destination.

ATEX, IECEx & UKCA Certification

Equipment for potentially explosive atmospheres requires specific certification to ensure safety and market access. IECEx provides international standard conformity, ATEX is essential for the European market, and UKCA is the mark for Great Britain.

Eurofins E&E CML is authorized to issue certification for IECEx and UKCA, and Eurofins CML BV is authorized to issue certification for ATEX allowing us to offer you a single point of contact for these Ex certifications.

Our extensive and knowledgeable team delivers a comprehensive service, making us your efficient partner for achieving these critical approvals.

Japanese Certification

Exporting explosion-protected electrical equipment (Groups II and III) to Japan requires compliance with the Industrial Health and Safety Law, mandating certification by a registered type examination agency.

Leveraging your existing IECEx ExTR can significantly reduce the additional documentation and assessment required for Japanese certification.

Since 2017, Eurofins E&E CML has been issuing Japanese Ex certificates and is globally recognized as a prominent and reliable partner for manufacturers seeking to gain access to the Japanese market.

Global Market Access for Brazil, South Korea and the United Arab Emirates

Expanding into Brazil, South Korea and the UAE requires specific regional Ex certifications

- INMETRO for Brazil
- KCs for South Korea
- ECAS for the UAE

Eurofins E&E CML helps you leverage your existing IECEx certification to support the approval process, while also expertly addressing national differences that require additional assessment.

We guide you through the supplementary requirements for documentation, local representation, and necessary auditing. With strong relationships with CBs in these countries and in-depth knowledge of their requirements, Eurofins E&E CML is your expert partner in effectively facilitating INMETRO, KCs and ECAS approvals.

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MSHA Testing & Approvals

For electrical products used in hazardous areas of underground mines within the United States, approval from the Mine Safety and Health Administration (MSHA) is mandatory.

Eurofins E&E CML assess (and tests) your products against the specific MSHA requirements, generating a comprehensive assessment report and technical file ready for submission.

Manufacturers can then confidently open a project directly with MSHA for their file to be evaluated and approval issued.

With extensive experience in certifying Ex equipment for mining applications, Eurofins E&E CML can significantly improve timescales and simplify the MSHA approval process for manufacturers.

Technical Compliance Support & Ex Training

Our Technical Support provides interactive discussions to help you understand general compliance requirements for your products.

For flexible and remote learning, our eLearning courses are available, covering essential topics such as an ATEX Overview, an Introduction to EX QAR/QAN, and in-depth training on Intrinsic Safety.

Additionally, we can develop and deliver bespoke training courses, tailored to your specific needs and delivered either online or face-to-face for a focused learning experience.

Ingress Protection & Lab Testing Services

Eurofins E&E CML provides comprehensive laboratory testing services essential for Ex certification and broader equipment compliance.

Our IP testing accurately determines your product's degree of protection against ingress of solids and liquids, according to IEC 60529.

We conduct various types of Ex testing as part of Ex certification projects, frequently used for pre-compliance evaluation or to support IECEx partial ExTRs.

Our capabilities include, but are not limited to, battery testing, thermal conditioning, impact resistance, and flameproof testing.

Our extensive laboratory holds both UKAS and IECEx accreditations, demonstrating our commitment to the highest standards of quality and accuracy and delivering reliable laboratory testing services, on time and on budget.

Ex Quality System Certification & ISO9001

Ex Quality systems are certified against the ATEX Directive requirements (and its UK equivalent, UKSI 2016 No. 1107) and the IECEx Scheme, to ensure that Ex manufacturing meets the requirements outlined in international and European/Designated standards.

A Quality Assurance Notification (QAN) is required for ATEX/UKEX equipment category 1,2,M1 and M2 and a Quality Assurance Report (QAR) is required for all equipment certified under the IECEx Scheme.

ISO 9001 certification verifies that an organization's quality management system (QMS) is compliant with international standards.

Through our global network of experienced auditors, Eurofins E&E CML provides UK QANs, IECEx QARs, and ISO 9001 certification, while our subsidiary Eurofins CML BV offers ATEX QANs.

Trusted Certification. Delivered

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