

LCIE's services at a glance

LCIE, your partner in the world of electricity and electronics...

As a testing and certification laboratory, LCIE offers an extensive range of services for all players working with electrical and electronic products: manufacturers, integrators, importers, exporters, distributors and end users....

As a privileged partner in terms of conformity assessment in the process of bringing your products to the market and enhancing their value, LCIE guides you from the early stage of development, to the placing of your products on the market; testing, certification, audits, inspections, training.

LCIE is recognized worldwide as a signatory of mutual recognition agreements with other national certification bodies. Having assessed the conformity of your products according to applicable safety standards, LCIE issues or obtains certificates that serve as "passports" to worldwide markets. *

As an active part of an international network of laboratories (Asia, USA...), we assess the conformity of electrical and electronic products to national, European and international certification marks.

...with varied application fields

- Consumer goods
- Industrial infrastructures
- Aerospace and Defence
- Railway and car transport
- Energy
- Oil and gas
- Medical devices
- Information Technology Equipment and Communications

...with multidisciplinary competences

- Conformity assessment
- Certification
- Assistance and expertise
- Training

...with diversified intervention scopes

- Electrical safety
- Electromagnetic compatibility
- Environments
- Explosive atmospheres
- Eco-environment

...within an international group

LCIE is a subsidiary of Bureau Veritas, an international group whose mission is to help its customers manage their assets, products, services, systems and employees whilst creating added economic value through risk management and performance optimization. Bureau Veritas is a service company specializing in QHSE management (quality, health, safety and environment) and social accountability, with a network that covers 140 countries and includes 600 offices and laboratories. It offers an extensive range of technical services and solutions in the fields of certification, conformity assessment and consulting. Boasting 20,500 employees, Bureau Veritas serves more than 280,000 customers from numerous different industries across the world, from small local companies to major multinational corporations.



LCIE


* LCIE's list of accreditations is available upon request.

LCIE's services at a glance

Products covered

- ◆ Electrical and electronic systems
- ◆ Industrial equipment
- ◆ Cables and cords

CONFORMITY ASSESSMENT

- ◆ To French standards and regulations
- ◆ To European Directives (CE Marking) 
- ◆ To international standards and regulations

TESTING / QUALIFICATION

 To assess the conformity of your products to standards and regulations specific to your industry

- ◆ Electrical
 - Low and high voltage
- ◆ Mechanical
 - Vibrations, vibrations/temperature
 - Mechanic shocks, shakes
- ◆ Climatic
 - Cold, dry heat, wet heat
 - Temperature variations, temperature shocks
 - Waterproofness (IP protection index)

- ◆ Infrastructure equipment
- ◆ Luminaires
- ◆ Household and commercial appliances
- ◆ Medical devices

- ◆ According to referentials (IEC, EN, ETSI, MIL STD, DO 160...) or specifications (Clients' specs, constructors' specs...)
- ◆ Functional safety (IEC 61508)


- ◆ Electromagnetic testing (EMC) and Radio
- ◆ Specific testing
 - Explosion testing
 - Industrial atmospheres type 2, 3, 4 gas
 - Altitude
 - Lightnings
 - Saline mist

CERTIFICATION

 To access to national, European and international certification marks

- ◆ NF Mark
- ◆ Keymark, ENEC, HAR, Ex
- ◆ CCC, PSE, SASO
- ◆ Gost-R
- ◆ NOM
- ◆ CSA
- ◆ BSMI, C-TICK, FCC,...

 To access to European market (compliance to European Directives)

- ◆ Low Voltage
- ◆ Electromagnetic testing (EMC)
- ◆ Explosive Atmospheres (ATEX) 
- ◆ Machinery
- ◆ Labelling
- ◆ R&TTE
- ◆ RoHS

LCIE is Notified for most of the European Directives

 Quality Insurance certification

- ◆ ISO
- ◆ IECQ HSPM (RoHS)

ASSISTANCE AND EXPERTISE

- ◆ v Technical Assistance
- v Studies and Expertise (electrical, corrosion and ageing)
- v Eco-environment (RoHS and WEEE)
- v Assistance for exports
- v Regulatory Watch

TRAINING

- ◆ Inter and Intra (on-site) trainings
- ◆ Customized trainings
- ◆ Thematic seminars

Application fields

- ◆ Market access and regulations
- ◆ Product compliance and technical expertise
- ◆ Explosive atmospheres (ATEX)
- ◆ Eco-environment
- ◆ Control, measures and testing fields



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