

FUNCTIONAL UNITS AND ASSEMBLIES FOR USE IN POTENTIALLY EXPLOSIVE ATMOSPHERE



Manufacturers, Engineering companies, Integrators, End Users of functional units and assemblies for use in potentially explosive atmospheres

- **Your obligations:** to know and to enforce mandatory requirements (explosion risk evaluation, zoning, gas, dust, mechanical and electrical risks, Explosion Protection Document, etc.)
- **Your responsibility :**
 - to design and manufacture equipment and protective systems ensuring their safe functioning
 - to prove and maintain the conformity of your functional units and assemblies in accordance with their applicable requirements
- **Our job :** to assess the conformity of your functional units and assemblies and to issue the corresponding certificates

**LCIE, as a European Notified Body,
confirms the conformity of your functional units and
assemblies according to **annex IX** of ATEX Directive 2014/34/EU**



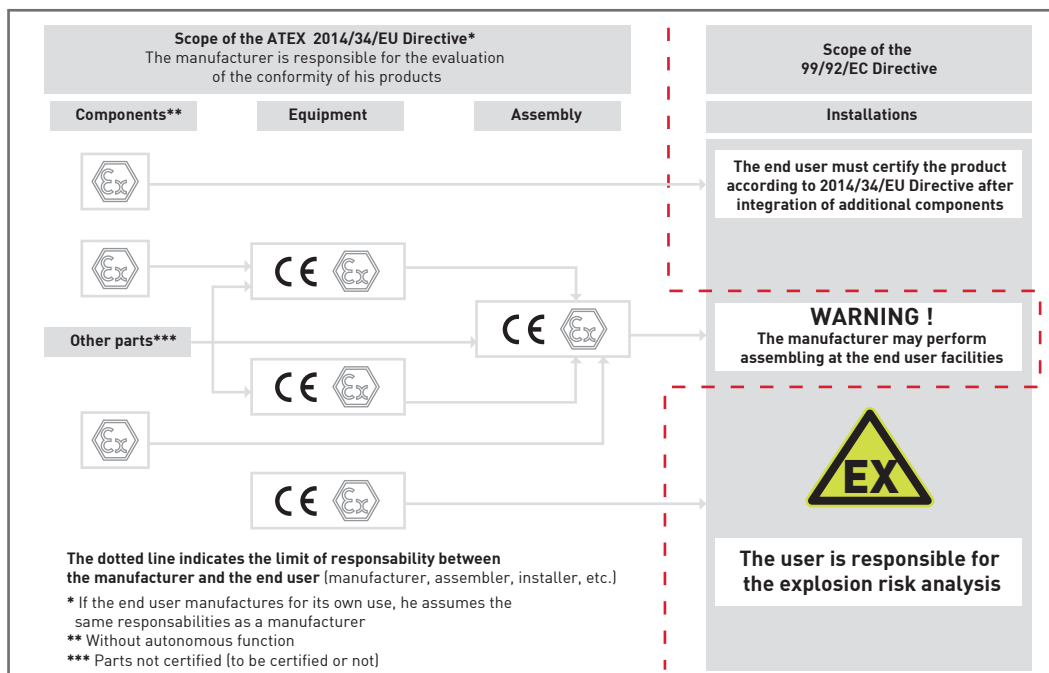
LCIE

Move forward with confidence.

Services offered:

- Conformity assessment of units and assemblies according to annex IX of the ATEX 2014/34/EU Directive requirements
- Use of a well-proven working method
- Examination of your risk evaluation documentation
- Close collaboration throughout the conformity assessment process until the certificate delivery
- Contribution to 99/92/EC Directive conformity assessment (endusers)

Scope of both 99/92/EC and 2014/34/EU ATEX Directives



LCIE has carried out several recognition agreements specific to potentially explosive atmospheres with the following foreign bodies:

- **China:** CQST, NEPSI-SIPAI, PCEC, CCTEG
- **Korea:** KGS KTL
- **Russia:** NANIO-CCVE
- **India:** ERTL

Other agreements:

- **BV Brazil, NCC (Brazil):** Recognition of tests and factory inspections for access to the Brazilian market (INMETRO) for low voltage electrical equipment and equipment intended for use in potentially explosive atmospheres.

Other official recognition:

- **US Coast Guard (United States):** recognition of tests and certification.

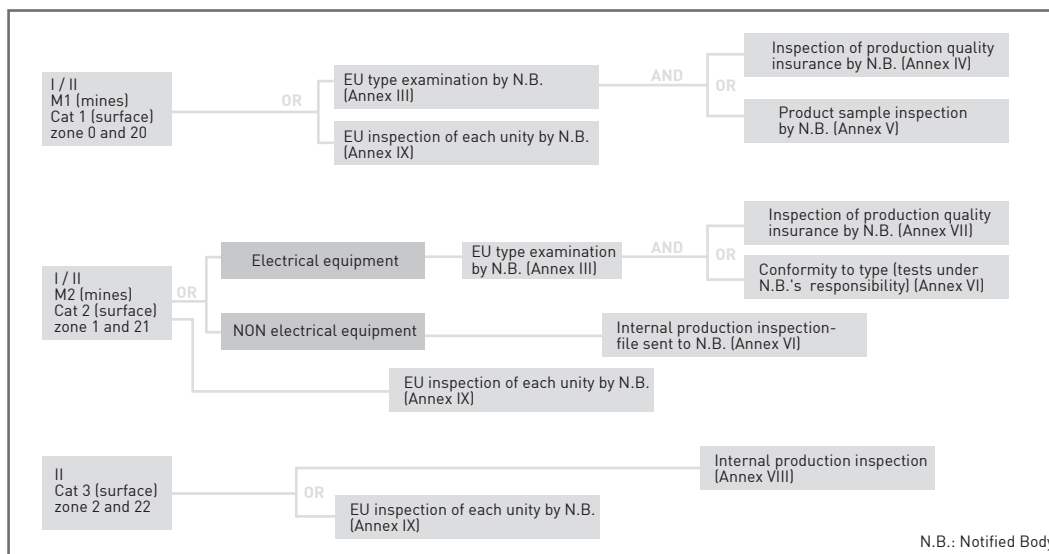
Accreditations:

- **LCIE has been designated by the French Ministry in charge of Industry for certification of ATEX electrical equipment categories 1, 2 and 3.**



- **LCIE is accredited by COFRAC - test section n° 1-0311- for tests on equipment intended for use in potentially explosive atmospheres**

Conformity assessment procedures (ATEX 2014/34/EU Directive)



Other services offered by Bureau Veritas and LCIE

- Testing according to applicable standards or requirements:** IEC, CENELEC, CSA, UL, FM, BS, MIL, etc.
- Technical assistance:** certification procedures, knowledge of standards,
- Audits, expert examination, studies, assessments:** quality insurance, standardization development, risk analysis, zoning, on site inspection, electrostatics, special explosion tests,
- Certification / EU type examination:** equipment, assemblies, systems, components,
- Voluntary certification:** IECEx,
- Multidirective services:** EMC, Machines, Low Voltage, Individual Protective Equipment, etc.
- Training:** general and customized to clients' needs

International certification : access to national certifications for China, Korea, Brazil, Russia.



LCIE

LCIE is a founding and an active member of IECEx

Your contacts:

Emmanuel CARRE
+33 (0)1 40 95 61 09
emmanuel.carre@lcie.fr

Touria EL OUKILI
+ 33 (0)1 40 95 60 63
touria.el-ouakili@lcie.fr