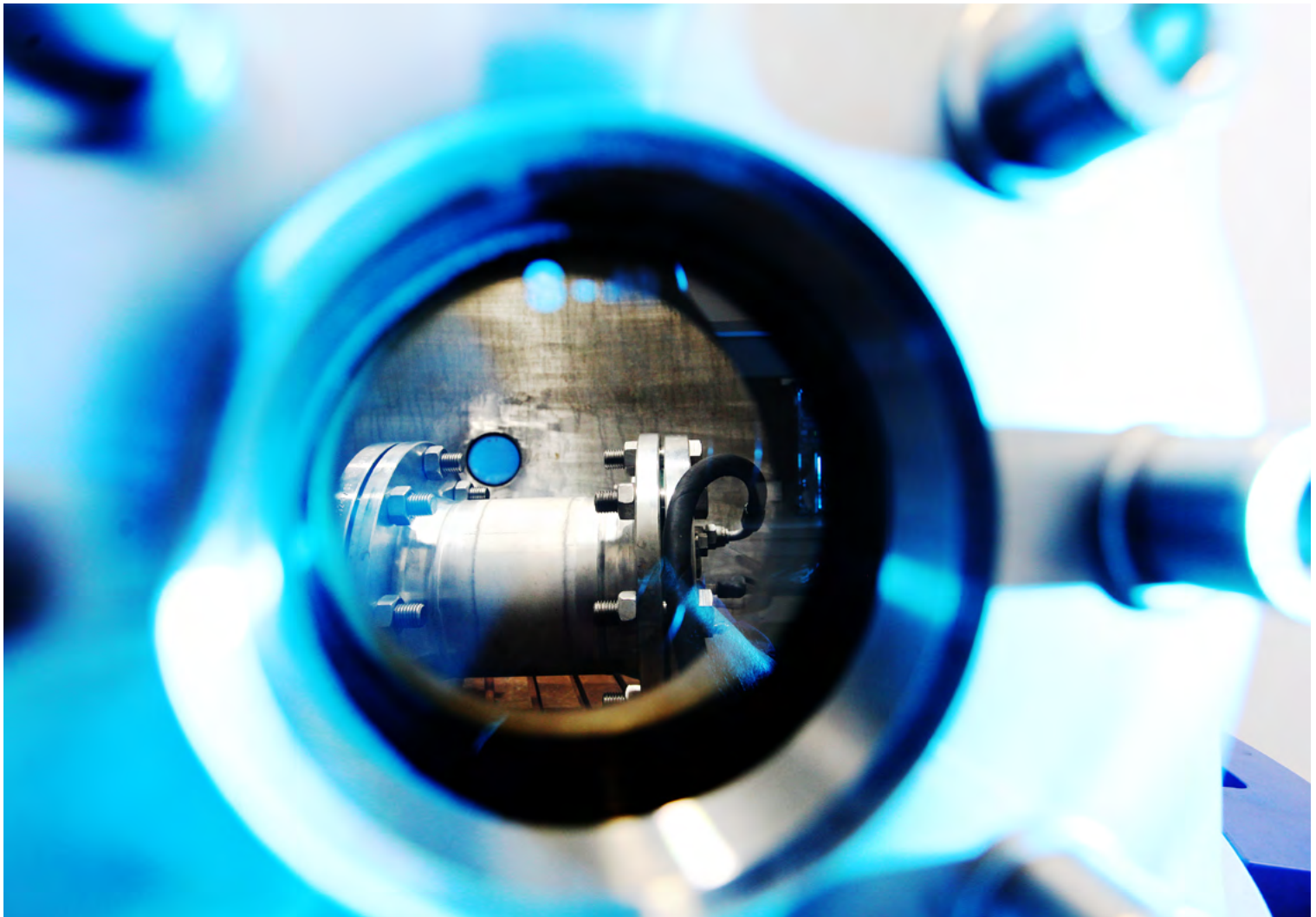


Explosion protection

Testing and certifying equipment for areas at risk of explosion in accordance with the ATEX Directive and the international IECEx process.



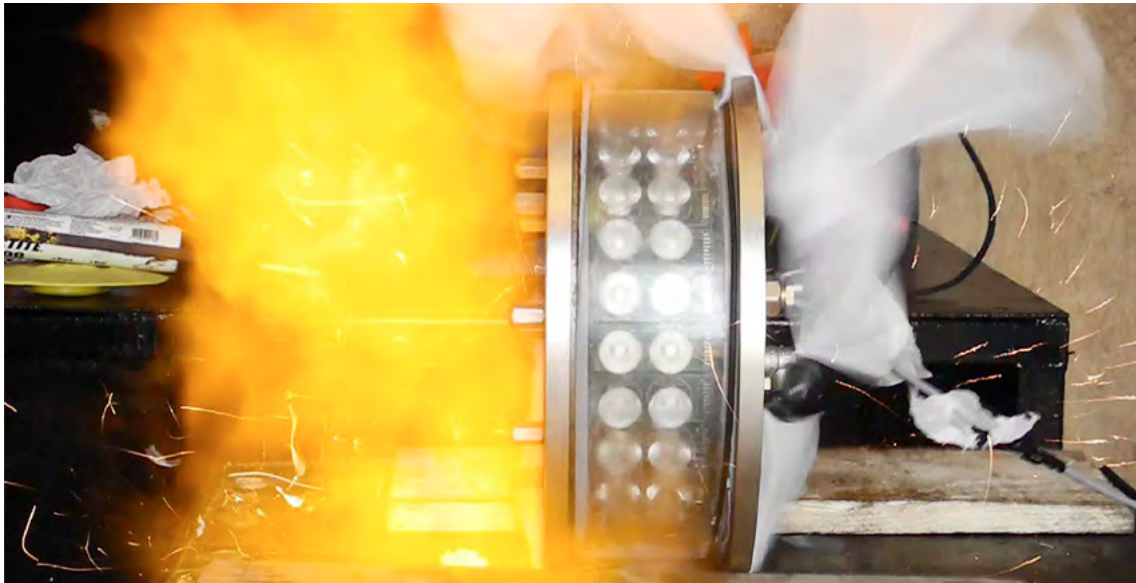
Testing and certification department

Eurofins Electrosuisse is a single source of support to get you through to certification when it comes to all the essential directives and certificates for your products.



We are specialists

- ATEX Directive/IECEx explosion protection
- EMC Directive
- Low Voltage Directive
- Machinery Directive
- Various environmental simulations
- Radio Equipment Directive
- SIL/PL certification (hazard analysis and risk assessment)



STS 0001

Test center for safety-related testing, testing electromagnetic compatibility, and environmental testing of electrical products

SCESp 0035

Certification body for electrical products
EMC, MD, ATEX, and NRL Notified Body



Electrosuisse mark of conformity
Certified type testing with monitoring



CE marking
Proof of conformity with directives



Certification process for photovoltaic modules,
components, systems, and plants



ENEC European mark of conformity



Notified Body ATEX no. 1258
Notified Body ATEX no. 0477



International CB procedure with CB test certificate
International IECEx system with certificate

Explosion protection department

Our explosion protection experts accompany you from product development and testing through to certification and monitoring quality assurance.

We support you in achieving **certification** in the relevant language and work in close proximity with you and your products so that they can be used around the world.

- **Europe:** ATEX 114 (2014/34/EU, Notified Body no. 1258 and 0477)
- **International:** IECEx (ExCB Certification Body, ExTL testing laboratory)
- **Certificates around the world:** e.g. partner for Canada/USA (QPS, FM), China (CQM), Russia, and other countries on request



Our services

- Product certification for ATEX and IECEx (electrical and non-electrical)
- Quality assurance of the manufacturer (ATEX and IECEx audit)
- Storing the technical documents for ten years
- Regular further training sessions and seminars on our premises or yours:
 - Seminars, tailored to your needs (based on the product and type of ignition protection)
 - ATEX representative (in the planning stages)
- IECEx certification of repair work

Types of ignition protection

- For electrical products in accordance with ATEX and IECEx:
all of the basic types of ignition protection, from flameproof enclosures and intrinsic safety through to optical radiation (see application form for more details)
- For non-electrical products in accordance with ISO/IEC/EN 80079-36 and -37 in the ATEX and IECEx processes
- For the safety of forklift trucks in accordance with ATEX (EN 1755/EN 1834-1)

ISO/IEC 17025-accredited testing laboratory

- Flameproof enclosure “d”
- Protection by enclosure (IP, climate, and impact testing)
- Battery explosion test
- Electrostatic measurements
- Other tests



**Electrosuisse
Product Testing**

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