

Explosion protection

As an independent and neutral service company, we support your development on national and international markets. We serve an international customer base.

Whether you are an innovative startup company or an international corporation – we have the right solutions for you. Testing takes place either in our high-end testing laboratories or on your premises as a manufacturer.

We are characterized by short lead times, fast processing as well as competent support.

Our company was founded in 2010 and employs more than 30 people.

Among other things, we check the following standards:

- IEC / EN 60079-0: General requirements
- IEC / EN 60079-1: Flameproof enclosure „d“
- IEC / EN 60079-2: Pressurized enclosure „p“
- IEC / EN 60079-5: Powder filling „q“
- IEC / EN 60079-6: Liquid immersion „o“
- IEC / EN 60079-7: Increased safety „e“
- IEC / EN 60079-11: Intrinsic safety „i“
- IEC / EN 60079-15: Type of protection „n“
- IEC / EN 60079-18: Encapsulation „m“
- IEC / EN 60079-25: Intrinsically safe systems
- IEC / EN 60079-26: Device Protection Level (EPL) Ga
- IEC / EN 60079-28: Optical radiation
- IEC / EN 60079-30-1: Resistance heat tracing
- IEC / EN 60079-31: Dust explosion protection by enclosure „t“
- IEC / EN 60079-35-1: Headlamps for use in pit-endangered mines
- ISO 80079-36: Non-electrical devices
- EN 13463-2: Anti-swelling encapsulation „fr“ (Non-electric)
- EN 13463-3: Flameproof enclosure „d“ (non-electric)
- ISO 80079-37: Non-electrical equipment – constructive safety „c“, ignition source monitoring „b“, fluid encapsulation „k“



WE OFFER THE FOLLOWING SERVICES:

- Testing and certification of electrical and non-electrical appliances (ATEX and/or IECEx)
- HazLoc certifications for USA and Canada according to NEC (National Electric Code) and CEC (Canadian Electrical Code)
- TR CU Ex (EAC) certifications for Russia, Belarus, Kazakhstan, Armenia, Kyrgyzstan
- Risk analysis and risk assessments
- Explosion protection training
- Development-accompanying technical help
- Quality controls
- Ratification of the documentation in accordance with Article 13 para. 1, b) ii



ATEX certification

Our company is an European notified body according to directive 2014/34/EU for equipment and protective systems intended for use in potentially explosive atmospheres. Therefore, we are authorized to carry out all conformity assessment procedures according to Directive 2014/34/EU and perform them for you:

- EU type examination according to Annex III
- Quality assurance of the production process according to Annex IV
- Testing of the products according to Annex V
- Conformity with the type according to Annex VI
- Product quality assurance according to Annex VII
- Unit certification according to Annex IX
- Deposit of the documentation according to Annex VIII and in accordance with Article 13 para. 1, b) ii

CERTIFIED

IECEx certification

The IECEx scheme has been developed to facilitate international trade in electrical products used in hazardous and potentially explosive environments.

The IECEx certification is thus the basis for many worldwide recognitions.

As a recognized IECEx Test Laboratory (ExTL) and IECEx Certification Body (ExCB) we support you in marketing your products internationally.

By simultaneously testing the ATEX and IECEx requirements, which are combined in our company, you can save costs and reduce the approval times.

Why Primara?

- **Time To Market:** We hold your deadlines.
- **Inexpensive:** We do not afford overhead.
- **Quality:** High-quality measuring equipment and trained personnel with many years of experience.
- **Service:** Personal contacts that know your exact requirements.

Please visit our homepage:

www.primara.net



OVERVIEW OF OUR SERVICES:

- Product approvals for products in explosion hazardous areas
- Product safety checks and international certifications
- Medical device approvals
- Environmental simulation tests
- Industrial Acceptance
- Functional safety
- Risk analyzes
- Worldwide network integration of decentralized generation units
- Grid code checks and unit certification
- Efficiency measurements
- Usability Tests
- MTBF, life-time calculation
- PV plant appraisals, yield reports, thermography
- Expert consultations, expert opinions
- Quality management systems, ISO 9001
- Production inspections, audits

DO YOU HAVE QUESTIONS?

We are here for you any time:

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