

intertek

Total Quality. Assured.

HAZARDOUS LOCATION SERVICES

**ASSURANCE, TESTING,
INSPECTION, CERTIFICATION
AND TRAINING
FOR HAZARDOUS
LOCATIONS**





Your partner in a changing world

Intertek is here to partner with you from design to final certification. We share our expertise with you to deliver your product to the markets you require, on time and in budget, to train your people and to make your hazardous locations safer. From the widely recognized ETL mark for USA and Canada to ATEX and IECEx certification, our team of engineers and technicians have the experience and know-how to help you through the certification process and provide training and technical service solutions designed with you in mind.

Intertek is a leading Assurance, Testing, Inspection and Certification provider. We are one of the very few providers that can offer Global Access to all hazardous locations markets, including our unique GMAP services (Global Market Access Program) and full CE and performance testing services.

Intertek is a Notified Body, accredited by UKAS and our many years of experience certifying equipment used in Hazardous Locations and Explosive Atmospheres includes extensive ATEX Directive 2014/34/EU expertise.

If you manufacture products intended for use in potentially explosive atmospheres and sold in the European Union (EU) you must provide assurance that your equipment will not cause an explosion during routine operation.

Product Certification

Intertek certifies products for compliance with IECEx, the European Union's ATEX Directive, the National Electrical Code (NEC) in the U.S. and the Canadian Electrical Code (CEC) in Canada. Some of the standards we test to include those of CENELEC, CEN/IEC, MIL Specs and North American and Canadian Standards. Here at our UK centre we offer:

- Design review
- Testing
- Certification (ATEX, IECEx and ETL)
- Concepts
 - Flameproof (Ex d)
 - Increased Safety (Ex e)
 - Non-Incendive (Ex n)
 - Intrinsic Safety (Ex i)
 - Purge & Pressurisation (Ex p)
 - Oil Immersion (Ex o)
 - Encapsulation (Ex m)
 - Optical (Ex op)
 - Non-Electrical Equipment (Ex h)
 - Dust Protection (Ex t)
- Consultancy
- Design for Certification
- Problem Solving

Quality Audits

In addition to the ATEX, IECEx, ETL and CE Certification of equipment, Intertek can certify assemblies and production lines against EU Directives.

When products or assemblies are compliant, Intertek can certify your Quality Systems to the necessary levels (for example, ISO9001:2015, IECEx QAR and ATEX QAN) as well as offering the full range of environmental product and management system services to meet the latest directives.

The Audit cycle for the QAN and QAR is 3 years and 1 year for non ISO 9001 approved facilities and surveillance must occur every 12-18 months. The audit cycle for ETL approved facilities is every three months.

The principles of quality audits are based on several formal standards such as the ISO 900x international quality system standards.

You can be rest assured that factory inspections from Intertek will keep your production line moving while meeting the requirements of the ATEX and IECEx quality audits.

Technical File Lodging

Technical file lodging with a Notified Body like Intertek, is a vital requirement for manufacturers of non-electrical components, equipment or assemblies. The minimum requirements to meet compliance with the ATEX Directive, for Zone 1 components, equipment or assemblies being designed for use in explosive atmospheres, require the manufacturer, or a representative within the EU, to lodge a technical file with a notified body for a period of 10 years after the last manufacture date.

Training

Our experts participate in international committees for standardisation and thus possess the latest industry information and knowledge. Through our training programmes, we can give you the tools to control your processes and activities, and give you insight into both current and future product requirements.

CompEx Training

Intertek is an ATEX Notified Body, DSEAR/ATEX 2014/34/EU implementation specialist and CompEx Training Centre.

We also offer a global training solution with the CompEx mobile facility, designed for our customers outside the UK, we bring the training to you.

Our facility provides attendees with a comfortable learning experience with all of the practical equipment required for hands-on assessment of the principals involved in hazardous area applications in a safe environment.

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| • ExF | Foundation |
| • Ex01-04 | Gas & Vapours |
| • Ex05-06 | Combustible Dust |
| • Ex11 | Mechanical |
| • Ex12 | Application Design Engineers |
| • Ex14 | Responsible Person |

Intertek Academy

In addition to our CompEx courses, Intertek offers training for a wide range of applications; from Product Safety, CE marking and help with the latest Directives. Our training aims to provide maximum information in a way that is convenient and cost-effective for you. Courses include:

- Hazardous Area Awareness
- DSEAR
- Bespoke HAZLOC courses

Site Services

Intertek is a leading expert in DSEAR and ATEX 2014/34/EU compliance and explosion risk reduction with unique services and skills.

Our global blue-chip client base uses Intertek's expertise to implement, train and verify that risk is reduced to acceptable levels and adequately managed thereafter. We provide:

- 3 yearly inspection services to IEC/EN 60079-17
- Initial detailed inspections to IEC/EN 60079-14
- Verification Dossier Compilation to IEC/EN 60079-14
- Maintenance & Repair Services to close out NCRs
- DSEAR inspections
- HAC services

About Intertek

Intertek is a leading Total Quality Assurance provider to industries worldwide. Through our network of more than 1,000 laboratories and offices and over 42,000 people in more than 100 countries, we want to demonstrate through our services that we are leading the industry to meet the growing needs of our customers.

We go beyond physical quality control to provide total peace of mind through our innovative and bespoke Assurance, Testing, Inspection and Certification solutions for our customers' operations and supply chains.

Intertek Total Quality Assurance expertise, delivered consistently with precision, pace and passion, enabling our customers to power ahead safely.



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