Hazardous Location Services

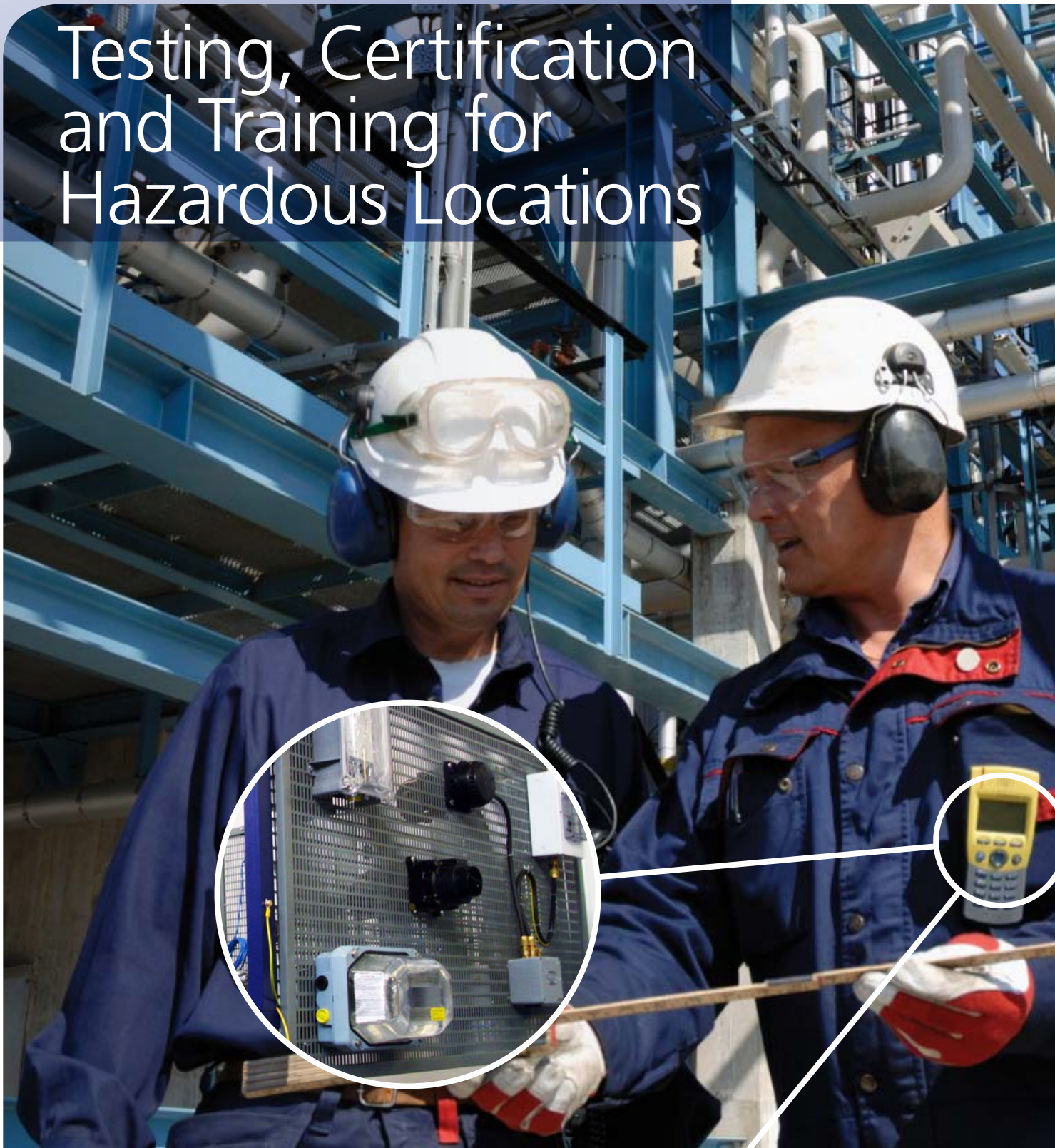**Intertek**

Valued Quality. Delivered.

Testing, Certification and Training for Hazardous Locations

Testing and Certification

We certify 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, ANSI, UL, CSA, MIL Specs and FM.

We offer the Ex Mark and the CE Mark to show compliance with EU requirements for Explosive Atmosphere regulations. Conducting IECEx certification in parallel offers global access for countries outside of North America and Europe. In addition, when your product complies with North American product safety standards, it is eligible to bear our ETL Listed Mark that is fully accepted by Authorities Having Jurisdiction (AHJs) across North America.

Intertek is one of only a handful of Notified Bodies that can offer the full scope of ATEX Certification, from large electrical machines to non-electrical approval for Zone 0. We offer:

- ATEX Notified Body for product testing, assessment, inspection and certification for all equipment (electrical and non-electrical), Safety Systems, Components and Protective Devices
- UKAS Accredited ATEX Certificates
- IECEx Certificates of Conformity
- Quality Assurance Notification (ATEX Quality Modules)
- Quality Assurance Registration (IECEx QA Module)
- ATEX Technical file review and lodging

Intertek also offer full CE Marking testing and assessment at our in house accredited laboratories, minimising time and cost to market.

- Our knowledge of CENELEC, CEN, IEC, ANSI, ISA, CSA, MIL Specs and FM standards is second to none
- We are the Accepted Certification Body and Ex Testing Laboratory within the International IECEx Certification Scheme, which facilitates international trade by eliminating the need for multiple national certifications
- ETL and cETL Listing, Intertek's certification marks, which are accepted by Authorities Having Jurisdiction (AHJs) throughout North America, are available based on local testing
- Intertek's Global Market Access information is constantly being updated through our network of laboratories in over 100 countries

Site Safety Services

Intertek is a leading expert in DSEAR and ATEX 137 compliance and explosion risk reduction with unique services and skills.

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

- High level consultancy including writing specifications for suppliers and users
- Design control and management of hazardous area projects
- Area Classification and DSEAR (ATEX) Risk Assessment
- Equipment and Plant Inspections
- Assistance in the design, supply and installation of safety and mitigation systems
- Full support, service levels agreements and ATEX 137 / DSEAR Compliance

Fast Compliance

Being able to test ATEX, CE and IECEx and certify at the same time is always the fastest and least expensive compliance route...

Training

FAST: Our challenge is to get your products to market faster and safer! We offer an industry busting 2 week pick up time to get your products into test with minimal delay.

SPECIALIST: You need to work with a company that has the size, flexibility and credentials to provide you with everything you need in one seamless project. 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.

GLOBAL: Our Global Hazardous Locations solution has helped many product manufacturers understand the requirements needed to meet customer or market specifications. We have numerous test and assessment locations world-wide and a large and experienced team with over 50 dedicated Hazardous Locations staff.

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 has one of the largest dedicated teams of test and certification engineers in the USA and Europe. We react quickly, quote competitively and deliver the highest levels of service available.

Intertek is an ATEX Notified Body, DSEAR/ATEX 137 implementation specialist and CompEx Training Centre. We have the largest set of CompEx Training facilities in the UK and have a satellite training facility in Sasolburg South Africa.

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

CompEx is a recognised qualification for ATEX and IEC electrical installation and inspection. It consists of practical training and assessment in a realistic working environment and is rapidly becoming a required qualification worldwide.

We take great pride in the enthusiasm and knowledge of our trainers who can draw from practical experience at all times to keep the courses interesting, relevant and practical.

In addition to theoretical training, Intertek is the only ATEX Notified Body to also be a licensed CompEx Training Centre. Through our mobile training rigs we can offer a truly global solution to your training needs.

Related Services

Intertek has full EMC Test facilities, through one of the largest network of global EMC laboratories, including test cell and OATS sites. We also have significant experience in solving EMC problems and EMC site/assembly assessment.

Safety testing for LVD, IEC1010 and Electrical Safety of Machines, as well as Machinery Directive and Pressure Equipment (PED) Consultancy.

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

When products or assemblies are compliant, Intertek can certify your Quality Systems to the necessary levels (for example, ISO9001:2000, IECEx QAR and ATEX Quality Modules) as well as offering the full range of environmental product and management systems services to meet the latest directives.

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