INDUSTRIAL

Improve Your Speed to Market with Hazardous Location Testing & Certification Near You

OVERVIEW

Demand for hazardous locations equipment continues to increase, as global markets experience growth fueled by the additive manufacturing, mining, chemical refining, agriculture, pharmaceutical, and oil and gas industries.

Understanding and accessing this profitable market quickly without sacrificing safety and quality is key to survival in today's competitive environment. Speed your time to local and global market with CSA Group's convenient locations across North America.

WHO IS THIS STANDARD INTENDED FOR?

Today, more work environments have combustible dusts, and/or flammable gases, mists or vapors that can contribute to potentially explosive atmospheres. Technological advancements have also transformed the industrial landscape and created a surge in safety improvements. As such, protection regulations have become more stringent. These forces challenge all manufacturers to ensure their hazardous location equipment complies with local government, regulatory, and international safety and reliability standards.

The CSA Group Difference

Rely on an internationally recognized company with over 100 years of expertise and knowledge. From our early beginnings developing standards for railway bridges to today's latest sustainable technologies, we're always looking forward and developing innovative standards and testing programs for the most advanced and emerging technologies. Drawing on our industry accreditations, our customer-focused experts can create custom solutions that meet your unique testing, inspection, and certification needs. That's how we're holding the future to a higher standard.

csagroup.org/hazloc

Standard Outline

CSA Group's North American facilities offer you testing, inspection, and certification services to address applicable certification requirements for countries here and around the world. Take advantage of our knowledge of global standards from the convenience of a testing facility near you.

- We test explosion-proof enclosures; motors, generators, and turbines; lighting; gas and flame detection; IT displays and handheld electronics; industrial control panels; large equipment assemblies; machinery; and more.

- Benefit from a seamless certification process with key support services: cybersecurity testing, Technical Information Services (TIS), safety and performance testing, field certifications, and functional safety testing.

- Flexible, comprehensive training options include personnel certification and basic overview courses on the certification process, ATEX and IECEx requirements, and IEC 60079.

Related Standards & Regulations

- CSA C22.2 No. 30
- CSA C22.2 No. 213
- CSA C22.2 No. 157
- CSA C22.2 No 286
- IEC/EN/UL/CSA 60079 series
- ISA 12.27.01
- NFPA 496
- FM 3600 Series
- ISA 12.12.01
- UL 1203
- UL 508A
- UL 913

The hazardous locations market is expected to grow to $8,217 million (U.S.) by 2022, at a rate of 9.3% a year.[i] Mass digitization and Industrial Internet of Things (IIoT) technology are key factors fueling growth.

LET'S WORK TOGETHER

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[i]According to a detailed study by the Allied Market Research. Rate is Compound Annual Growth Rate (CAGR).