



HOME & COMMERCIAL

Design With Hazard-Based Standards for High Tech Global Markets

OVERVIEW

As everyday technology becomes more complex, shifting standards for high-tech communications products mean manufacturers must apply hazard-based safety engineering principles to facilitate seamless entry into lucrative markets. This requires designing products with safety in mind from the outset, identifying potential hazards early on, and applying safeguards to help prevent pain or injury, such as from a notebook computer that is too hot to the touch.

WHO IS THIS STANDARD INTENDED FOR?

Manufacturers of audio, video, information and communication technology, business and office machines, and its components, subassemblies, accessories, and power supplies must comply with standard IEC 62368-1:2014. In 2014, Europe, North America, China, New Zealand, Australia, among other regions, adopted this as a national harmonized standard for high-tech products. Beginning December 20, 2020 manufacturers must verify that their high-tech products and components, new and legacy, meet this standard before entering the European market.

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.



Time-to-market is crucial in highly competitive ICT/CE markets. That's where CSA Group's timely feedback can make a difference.



How CSA Group Can Help

- **Full-service provider.** CSA Group offers a full range of comprehensive testing and certification services, including electromagnetic compatibility (EMC) testing, cybersecurity, and more.
- **Expert knowledge.** Our Technical Information Services (TIS) help you identify gaps between the design of a product or component and the standard requirements. The resulting gap analysis report lets you make any necessary changes before applying for certification.
- **Custom training programs.** Customized to your needs, we offer over 20 training sessions per year, including technical seminars, roundtable discussions, personalized workshops, and case studies.
- **Global market access.** CSA Group has 39 offices worldwide. Our Global Market Access team may help you enter over 140 global markets, and through the IECEE CB scheme, your products can be accepted in 70 countries with a single certification.

Related Standards & Regulations

- IEC/CSA/UL/EN 62368-x series
- CSA/IEC 62368-1 3rd ed.
- IEC/CSA/UL/EN 62368-1
- IEC/CSA/UL/EN 60065
- IEC/CSA/UL/EN 60950-1/-21/-22/-23,
- CAN/UL60065 and 60950
- UL 1778 (fifth edition uninterruptible power systems)



LET'S WORK TOGETHER

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