

HazLoc equipment incorporating location information functionality

UL's certification services can help build trust in the market

When emergency services personnel respond to an incident involving flammable liquids or vapors, the equipment they carry should be rated for these areas so that it does not become an ignition source. Many first responders trust equipment bearing the UL Mark.

Fire and emergency services equipment such as self-contained breathing apparatus (SCBA), personal alert safety systems (PASS), and other gear such as thermal imaging cameras (TIC) will be usable in a wider range of applications when they carry a UL Certification for Hazardous (Classified) Locations.

Take a look at these updates to our guidelines for equipment with location information functionality:

- Equipment incorporating location information functionality, but not for life-safety or emergency signaling functions, can be UL Listed.
- Equipment incorporating location information functionality for life-safety or emergency signaling functions, can now be UL Classified for fire, electrical shock and explosion hazards.
- UL Certification does not cover the performance or reliability of any technology that provides location information functionality.

We have more than 100 years of experience in certifying hazardous locations equipment meeting North American codes, such as NFPA and OSHA. We are also the world leader in certifications for other markets, including ATEX, IECEx, INMETRO, CCC and other local certifications around the world.



Examples of technology that provide location information:

- Global positioning system (GPS)
- Enhanced 911 (E911)
- Digital pinging
- Cellular triangulation
- Passive radar reflection technologies



We provide services in the following global hazardous locations areas of focus

- UL, C-UL, ATEX, IECEx and global market access
- Equipment testing, certification and repair facility services, including IECEx, ATEX, INMETRO and UL/C-UL conformity assessment schemes for onshore and offshore hazardous location equipment
- Flammable and combustible fluids equipment, including IECEx, IECEx, ATEX and UL/C-UL conformity assessment schemes for gas and oil equipment
- Offshore oil and gas applications, including IECEx, ATEX, INMETRO and UL/C-UL conformity assessment schemes for HazLoc equipment in the factory or in the field
- Personnel competency, including IECEx Certificate of Personnel Competence (CoPC) Scheme
- Production quality assessment, including IECEx, ATEX and INMETRO quality assessment reports (QARs) and production quality assurance notifications (PQANs)
- Safety science research, including research that regularly drives advancements in national and international codes and standards
- Technical education and training, including private workshops in customer facilities and public workshops at one of our offices or other convenient public venues

Why choose UL?

With more than 100 years of experience in explosion protection, we drive global research and test to standards that continually advance and meet evolving product safety, performance and interoperability needs. Our global network of technical experts and state-of-the-art facilities, strengthened by the longstanding trust of regulatory authorities, partner laboratories and industry technical leaders, helps manufacturers gain the compliance credentials they need to compete in a more complex global supply chain.

Knowledge you can trust

Our experienced staff can advise you from the initial development stages of the product lifecycle through testing and production for your specific market.

Speed and efficiency

Leverage our hazardous locations experience early in the development phase. We have technical expertise in all protection methods and comprehensive industry knowledge that translates into actionable business efficiencies that help reduce time to market.

Global reach and access

You can benefit from faster time to a global marketplace with the UL certification process. Our global network of expert HazLoc engineers helps you understand the various national and global requirements, as well as confirm compliance to standards based on industry demands. Leverage our active participation and leadership in the global standards writing process. Not only do we understand the requirements, we help develop them. In fact, we participate in more than 50 standards writing committees, such as TC31 (IECEx), STP (North America), NFPA, API and BSEE and CFR committees.

To learn more, call 1.877.854.3577, visit us at UL.com/HazLoc or email HazLoc@ul.com.

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