

35 years of
experience
since 1990

CERTIFIED
SAFETY
PASSION

SHTE ®

SAFETY HI-TECH EUROPE

Safety Hi-Tech Europe SRL (SHTE®) is a customer-focused supplier of advanced solutions for fire suppression and presents itself as one of the leading experts in “in-kind” alternative technologies to Halons for Clean Agent Fire Protection. With 35 years of market presence and experience, SHTE’s Fire Extinguishing Agents and Fire Suppression Systems gained the acceptance and the recognition from the leading international environmental and approval authorities.

SHTE distributes its UL Listed Clean Agent Fire Suppression Systems and UL Recognized Fire Suppressants through a network of authorized distributors with UL (Underwriters Laboratories) Audited Alternate Manufacturing Locations (UL AML).



Certified to EN 12094-4, -8, -13
LPCB Ref. No. 969a



ISO 9001
Certificate n° 452235 OM15



GAOF.Ex6264
GARZ2.Ex5694



Cert. No. 0832-UKCA-CPR-SS133
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SHTE'S MISSION

SHTE is committed to supply Products and Systems that comply to the highest environmental and technical standards to meet the Customers' total satisfaction. SHTE has adopted an integrated management system that fulfills the economic and social requirements of all the stakeholders through a “Total Quality Vision” that includes all the key performances of the company: product safety, work safety, overall environmental impact, external information, and ethics.

SHTE has been continuously ISO 9001 certified, being the quality and safety of our products and systems a strict requirement. SHTE carries out inspections upon receiving raw materials and during the production processes. The properties of our extinguishing agents are tested through chemical analysis and the quality of the extinguishing system components is demonstrated by functional tests.

The performances of our products, system components and software programs used for system design are also certified by internationally recognized independent laboratories, thus ensuring that the complete system is reliable and safe.

APPLICATIONS

SHTE® 125, SHTE® 227 and SHTE® 1230 fire extinguishing systems are recommended for facilities and areas that have a high fire risk, high value property and high cost of downtime. All these extinguishing agents are non-conductive, non-corrosive and approved for use in occupied spaces by the US EPA.

Neither agents harm sensitive electronic equipment nor they have a post discharge residue to clean up. Our systems are custom designed for each application, ensuring the most effective and efficient fire protection possible for your specific facility.

SHTE'S STRENGTHS

- SHTE is the only European company participating to the NFPA 2001 Technical Committee. SHTE has also a representative in the Fire Suppression Technical Options Committee (FSTOC).
- Wide Product Range that includes system equipment for "high and low pressure" ratings.
- A sales record of about 8.000 tons of fire suppression agents sold by SHTE.
- A seasoned R&D Team with more than thirty years of experience in this business.
- A full line of systems approved in accordance with the US and EU regulations and fully accepted worldwide.
- A diversified customer network that includes major market players and reputed companies.
- SHTE's products have gained acceptance and recognition from leading worldwide environmental and technical authorities.

SHTE'S NETWORK of Authorized Distributors (UL AML)

SHTE is currently present through a network of authorized distributors with UL Approved Alternate Manufacturing Locations (UL AML) in Middle East, North Africa, Africa, Asia, Southeast Asia and South America. Such locations are quarterly audited by UL and are located in:

Kuwait, UAE, Egypt, Kingdom of Saudi Arabia, Republic of South Africa, Bangladesh, India, Singapore, Malaysia, Argentina, and Qatar.

Distributors with UL AML are responsible/audited for filling, leak testing, nozzle drilling and applying the UL Mark on systems.

TYPICAL APPLICATIONS

- Telecommunication facilities
- Control rooms
- Computer rooms
- Laboratories
- Museums
- Substations
- Machinery spaces
- Archives
- Turbines
- Energy storage



SHTE'S PRODUCTS

UL/LPCB SHTE® 125

Engineered Clean Agent Fire Suppression Systems

SHTE® 125 is a UL Recognized Agent. SHTE® 125 25 and 42 bar systems use a wide selection of valves combined with seamless and welded cylinders ranging from 5 up to 240 LT that allows a great flexibility in the design of new installations and facilitate the retrofit of existing Halon 1301 fire protection systems. Such systems are available with UL Listing and CE Mark by BRE Global Ireland according to Reg. EU no. 305/2011 - EN 12094 standard. SHTE® 125 is a fluorinated greenhouse gas listed in Annex I of the Regulation EU 2024/573 (HFC-125, GWP = 3500).

UL/LPCB SHTE® 227

Engineered Clean Agent Fire Suppression Systems

SHTE® 227 is a UL Recognized Agent. High (42 bar) and Low (25 bar) Pressure Engineered Systems using SHTE® 227 are UL Listed and use a wide selection of valves combined with seamless and welded cylinders ranging from 5 up to 240 LT. Such systems are also available with CE Mark by BRE Global Ireland according to Reg. EU no. 305/2011 - EN 12094 standard. SHTE® 227 is a fluorinated greenhouse gas listed in Annex I of the Regulation EU 2024/573 (HFC-227ea, GWP = 3220).

UL/LPCB SHTE® 1230

Engineered Clean Agent Fire Suppression Systems

SHTE® 1230 is a UL Recognized Agent. SHTE® 1230 Engineered Systems are UL Listed and use a wide selection of cylinder assemblies ranging from 5 up to 240 LT. The unique availability of multiple working pressures (25, 42 and 60 bar) allows a great flexibility in the system design. The SHTE® 1230 agent is the most environmentally sustainable halocarbon clean agent available in the market today.

Such systems are also available with CE Mark by BRE Global Ireland according to Reg. EU no. 305/2011 - EN 12094 standard. FM Approval Pending...



They rely on us every day...



الحميضي المحدودة
Al-Homaizi Limited



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since 1990

SHTE ®

FIRE SUPPRESSION SYSTEMS

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