



*Sante
teknik*

GAZLI YANGIN SÖNDÜRME SİSTEMLERİ
GAS FIRE EXTINGUISHING SYSTEMS
ГАЗОВЫЕ СИСТЕМЫ ПОЖАРОТУШЕНИЯ
U Z B E K I S T A N



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WE PROTECT THE THINGS THAT ARE VALUABLE TO YOU

"Sante Teknik" aims to be a leader in the fire safety sector by offering electromechanical fire protection engineering, project supervision, and contracting services with its qualified engineers, competent project and system designers, experienced employees, and modern hydraulic calculation programs.

Our products consist of VDS - FM - UL - ULS - NFPA - GOST R - LPSB - SFF certified and CE certified products. All our designs and applications are carried out in accordance with internationally accepted standards.

In accordance with the Turkish Standards Institute, the Turkish Fire Regulations, necessary internationally accepted standards, and customer-specific specifications, our company increases its market share and competitiveness by completing turnkey fire protection engineering projects in the most cost-effective, feasible, and appropriate way to meet operational needs. Our company continuously prioritizes customer satisfaction in every aspect, from design innovations to after-sales service.



FM 200 CLEAN GAS FIRE EXTINGUISHING SYSTEMS



All FM200 clean gas fire extinguishing systems developed, designed, sold, installed, inspected, and maintained by Sante Teknik have international certifications. They are imported from Europe, Luxembourg, India, and Canada. 25 bar and 42 bar systems are also available upon request. The software used for hydraulic calculations and project planning is approved by VDS - Germany. Because it poses no health risk, it can be safely used in environments where people live continuously. It offers effective solutions for Class A and B fires and is one of the most preferred clean gas fire extinguishing systems today. The main application areas of the systems are:

- Uninterruptible power supply (UPS) fire extinguishing systems.
- Computer "server" and "compensation" fire extinguishing systems.
- Cash registers, ATM systems, bank money transport vehicles.
- Military facilities, communication systems, tanks and armored vehicles.
- Ships, cargo, engine rooms, holds and power panels.
- Occupational health and safety (OHS) and thermal power plant turbines.
- Transformer fire extinguishing systems.
- Museum fire extinguishing systems.
- Magnetic environment fire extinguishing systems.
- Electrical distribution panels.
- Archive fire extinguishing systems.
- Laboratory fume hoods.
- Generators, compressors and ventilation units.
- All electrical and electronic systems.
- Cable galleries.
- GSM communication stations and cabinets.
- Natural gas distribution stations.
- Warehouse fire extinguishing systems. Fire extinguishing systems in the chemical industry.

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CO₂ GAS FIRE EXTINGUISHING SYSTEM

All CO₂ fire extinguishing systems developed, designed, sold, installed, inspected, and maintained by Sante Teknik have international certifications. These systems are high-pressure systems and operate at 60 bar pressure. The software used for hydraulic calculations and project planning is approved by VDS-Germany. It is the most suitable gas for local applications and is particularly effective in areas containing chemicals. CO₂ extinguishes fires by reducing the relative oxygen concentration in the extinguishing medium below the oxygen concentration required for the fire to continue. Carbon dioxide is a colorless, odorless, electrically non-conductive gas suitable for fire extinguishing. Due to its asphyxiating effect, its use in controlled areas is not recommended.

The main application areas of the systems are:

- They are used in generator rooms,
- Uninterruptible power supply (UPS) systems,
- Transformer rooms, cable galleries, natural gas
- Distribution stations,
- GSM communication stations and cabinets,
- Hydroelectric and thermal power plant turbines,
- On ships, engine rooms,
- Barges.



INERT (IG01-IG55) GAS FIRE EXTINGUISHING SYSTEMS



All inert gas (argon) fire extinguishing systems developed, designed, sold, installed, controlled, and maintained by Sante Teknik have international certifications. 200 bar and 300 bar systems can be supplied depending on the need. These alternative systems provide optimization between the space required for system installation and investment costs. The software used for hydraulic calculations and project design is certified by VDS-Germany. It is one of the most widely used clean gas extinguishing systems due to its harmlessness to human health and its economical solutions for large volumes. The extinguishing system is based on extinguishing combustion by reducing the oxygen concentration in the application area by 15%.

The main application areas of the systems are:

- Uninterruptible power supply (UPS) fire suppression systems.
- Computer "server" and "compensation" fire suppression systems.
- High-speed electrical transmission lines (HSE) and thermal power plant turbines.
- Transformer fire suppression systems.
- Museum fire suppression systems.
- Magnetic environment fire suppression systems.
- Electrical distribution panels.
- Archive fire suppression systems.
- Laboratory fume hoods.
- Generators, compressors, and ventilation units.
- All electrical and electronic systems.
- Cable galleries.
- GSM communication stations and cabinets.
- Natural gas distribution stations.
- Warehouse fire suppression systems.
- Fire suppression systems in the chemical industry.
- Cash registers, ATM systems, and bank money transport vehicles.
- Military facilities, communication systems, tanks, and armored vehicles.
- Ships, cargo holds, engine rooms, boat stands and power panels.



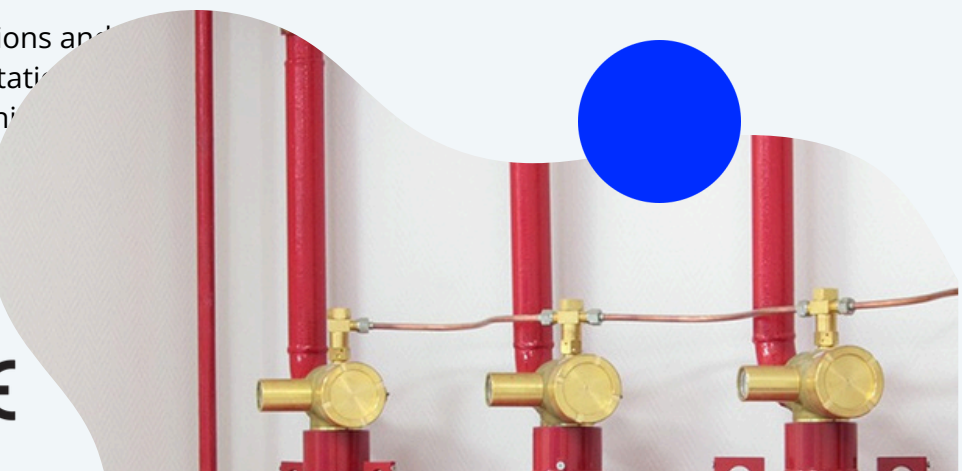
NOVEC 1230 EXTINGUISHING SYSTEMS

3M Novec 1230 is the latest alternative to the ozone-depleting Halon 1301 gas. NOVEC1230 is a registered trademark of 3M and is exclusively manufactured by 3M. NOVEC1230 is UL (Underwater Laboratory) Listed and FM (Factory Mutual) Approved. The manufacturer of NOVEC1230 is 3M ISO9001 and 9002 certified. All NOVEC1230 fire extinguishing systems developed, designed, sold, installed, inspected and maintained by Sante Teknik have international certificates and are imported from Europe. Since they are harmless to human health, they can be safely used in occupied environments.

3M Novec 1230 Extinguishers are a long-term, sustainable solution for fire protection in specific hazard classes. Although it appears as water at normal room temperature, it is a highly effective means of extinguishing electrical and electronic equipment because it has no insulating properties and quickly converts to a gas phase.

Main applications of the systems:

- UPS - uninterruptible power supply (UPS) fire extinguishing systems.
- Computer "server" and "compensation" fire extinguishing systems.
- High-speed power line (HSE) and thermal power plant turbines.
- Transformer fire extinguishing systems.
- Museum fire extinguishing systems.
- Magnetic medium fire extinguishing systems.
- Electrical distribution panels.
- Archive fire extinguishing systems.
- Laboratory fume hoods.
- Generators, compressors and ventilation units.
- All electrical and electronic systems.
- Cable galleries.
- GSM communication stations and antennas.
- Natural gas distribution stations.
- Warehouse fire extinguishing systems.
- Fire extinguishing systems for ships.
- Cash registers, ATM systems.
- Military installations, command centers.
- Ships, cargo holds, engine rooms.





ELECTRICAL PANEL (FIRE SQUEEZING SYSTEMS)

All panel fire extinguishing systems manufactured, designed, sold, installed, inspected and maintained by Sante Teknik have international certificates. FM200, CO₂, FE25 and dry chemical powder can be used as extinguishing agents depending on the needs and specifications.

The system starts when a polymer tube detector (tube) under 12 bar pressure with nitrogen bursts at approximately 100°C, releasing nitrogen gas and simultaneously opening a valve in the cylinder. No separate fire alarm system is required. A single system protects areas up to 8.5 m³ in volume.

This is an inexpensive solution because it only extinguishes the cabinet, the potential fire source, and not the entire room.

It is very effective because it extinguishes the fire directly at its source.
Installation is quick and easy.

Main applications of the systems:

- Electrical panels
- CNC machines
- Engines of heavy vehicles such as buses, trucks, etc.
- Wind turbines
- Ship engine rooms
- GSM base stations
- Archive racks
- Bank ATMs
- Computer systems
- UPS units
- Metro and train carriages
- Raised floors and suspended ceilings

FIRE FIGHTING SYSTEMS IN THE KITCHEN



PYRO-ARD series hood extinguishing systems are manufactured, serviced and installed in accordance with TSE standards for fire safety in domestic and industrial kitchens. Grease accumulation accumulates in pots, fryers, chimneys and chimneys over time and poses a fire hazard if not cleaned regularly. Our company's experienced staff supplies, installs and maintains hood extinguishing systems that use chemical extinguishers and whose designs comply with international standards.

Every year, small kitchen fires in different parts of the world threaten the entire structure due to the lack of necessary precautions. Consequently, even a small fire in a kitchen can damage entire buildings, such as shopping malls, hotels, and other buildings, resulting in millions of dollars in financial losses, loss of business, and loss of services.

Taking very simple and cost-effective precautions is very effective in preventing damage.

Hood shutdown systems are automatically activated by sensors inside the hood and quickly address hazardous areas such as hoods, filters, stoves, chimneys, fryers, and grills, thereby controlling potential hazards.

Main applications of the systems:

- Restaurants
- Hotels
- Hospitals
- Schools
- Shopping mall kitchens
- Industrial kitchens



UL300

FIRE AND GAS DETECTION SYSTEMS



All fire and gas detection systems developed, designed, sold, installed, monitored, and maintained by Sante Teknik have internationally valid certifications and are imported from Europe, Luxembourg, Turkey, India, and the United States. D Sistem specializes in fire detection systems and collaborates with companies such as TELETEC, ADVANCED/UK, SYSTEM SENSOR/USA, LTS/Austria, KAC/UK, OLYMPIA/Greece, and PROLINE/UK.

In this context, D System fire detection systems offer a product range that easily responds to special applications such as conventional and intelligent addressable systems, air sampling systems, as well as linear type heat detection, duct type smoke detectors and industrial gas and flame detectors. It also serves you with a product range approved by UL, ULC, FM, EN54, LPCB, VDS, GOST, AFNOR and BOSEC. Fire detection systems have reached a very important point today and have become a specialized field. System selection, design, installation, commissioning and maintenance must be carried out by a team of experts. Only under these conditions can the system properly fulfill its vital function.

Our main goal is to develop solutions tailored to the needs and requirements of our customers in the event of a fire hazard and to ensure their safety through the fire and gas detection systems we install.

Main applications of the systems:

- Factories
- Industrial facilities
- Public housing projects
- Residential areas
- Shopping malls
- Historic construction projects
- Hotels and tourist facilities
- Archive buildings
- Hospitals and schools
- Warehouses and warehouses
- Government institutions



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INFORMATION ABOUT OUR GROUP COMPANIES



SANTE TECHNICAL / UZBEKISTAN

SANTE TEKNİK was established in Tashkent as a result of a partnership with ARD Engineering, one of Türkiye's leading fire protection companies. SANTE TEKNİK offers gas fire extinguishing systems, kitchen fire extinguishing systems, and robotic chimney cleaning services.

It has strengthened its position by incorporating the Uzbekistan representations of global brands **Viking-Emea, Rotarex, Cease Fire, and Evenos.**



SANTE ENERGY ENGINEERING / TURKEY / UZBEKISTAN

Sante Energy Engineering is a company with many years of experience and was established in Istanbul and Tashkent in 2023. As Sante Energy Engineering, we offer mechanical and electrical design, consulting and contracting services.



PST HORECA / UZBEKISTAN

PST HORECA has been manufacturing, selling, and providing after-sales service for industrial laundry, kitchenware, and stainless steel products in Uzbekistan since 2020. PST HORECA continues to offer quality service and customer satisfaction to hotels, restaurants, cafes, schools, factories, and any other location where stainless steel is used.



PUSAŞ/ TURKEY

Founded in Türkiye in 1979, PUSAŞ provides import, export, logistics, industrial production, sales and service services.

OUR REFERENCES

UZBEKISTAN

swissôtel
Hotels & Resorts

MÖVENPICK
HOTELS & RESORTS



BIG
CHEFS

Beeline™

CROWNE PLAZA
HOTELS & RESORTS

Hilton
HOTELS & RESORTS

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FRIDAYS



ÇİMHIİDRAKANI İÇİ



ÜLKER creavit®



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PARK
HOTELS & RESORTS

Eczacıbaşı

adore
mobilya



ATILIM
ÜNİVERSİTESİ

anagold
MADENCİLİK



antares
ALÜMİNYUM VE TİCARET

ASTOR

SUMITOMO
ELECTRIC



tamsan
COMPRESSORS



ERFA



TÜMÖSAN



Marka paşa



Tataze

YapıKredi

ERKUNT



IRAK
PİŞTİRME

durukan

CLD
HALIMBEY

MSS

BİLKENTCENTER

TEPEprime
AVENUE

ASPAVA



HİTİTAYAS

Coca-Cola

ersa

Jiva
REALTY DEĞERLİ

KIZILAY ALIŞVERİŞ MERKEZİ

RÖNESANS
HOLDING

ciner

ETİ SODA

kazan
SODA ELEKTRİK

fulla

çelikay

ERTUĞRUL GAZİ
YATIRIM MENKUL DEĞERLER A.Ş.

DOĞUŞ

aselsan



DEDEMAN
HOTELS & RESORTS

Trakya Cam Sanayii A.Ş.

TÜRKŞEKER

tatbak

podium
ALIŞVERİŞ MERKEZİ

PARK CAM

ANKAmall

HEMA
ENDÜSTRİ A.Ş.

beğendik

TürkTraktör

KORU

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