



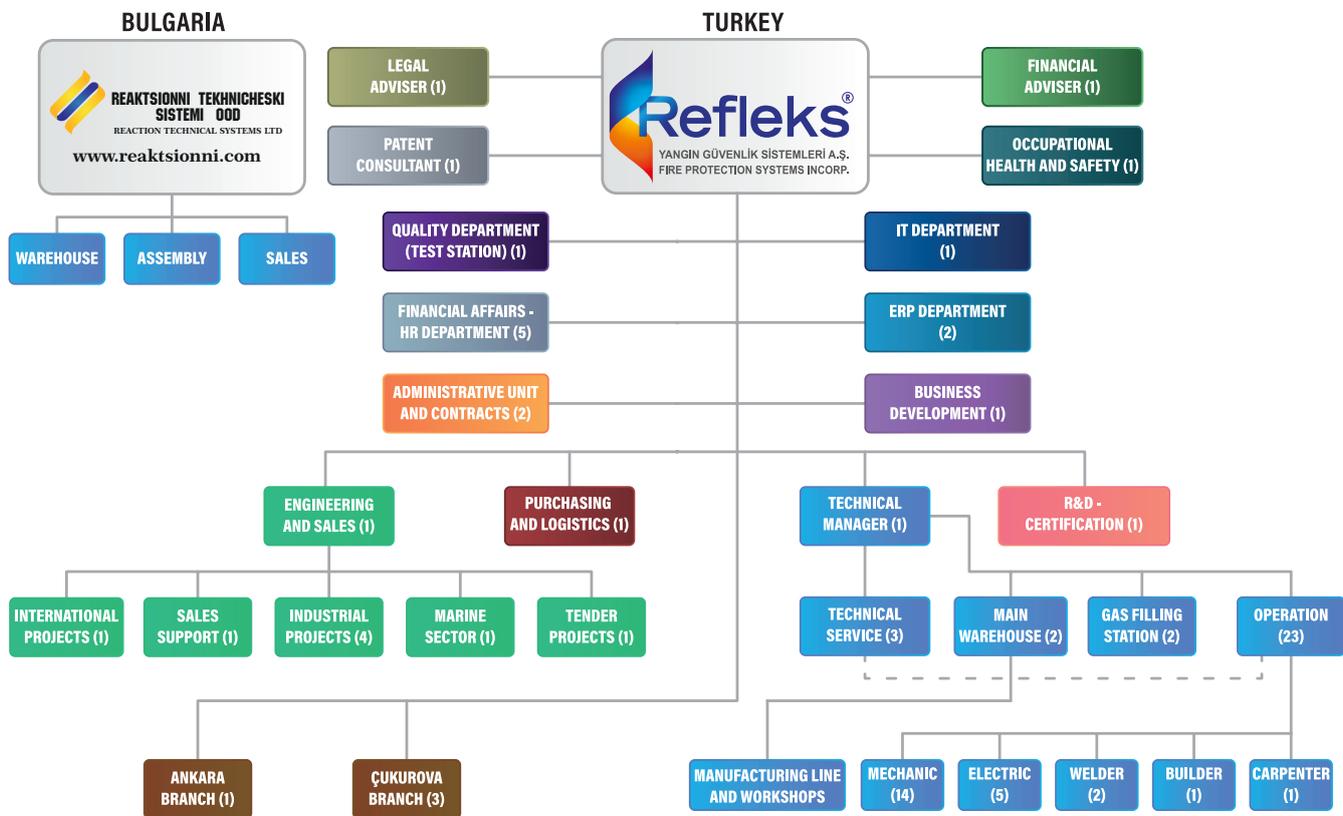
## ABOUT US

Refleks Fire Protection Systems Inc. was established in 2007 and it has an organization which provides designing, supplying, manufacturing, installation, maintenance and training of domestic and international turnkey active and passive fire protection systems with expert staffs.

The industrial sector projects are equal to %92 of the total project while the marine sector projects are equal to %8. Refleks Fire Protection Systems Inc. continues its activities in its 4000 m<sup>2</sup> facility in Kartal. It performs manufacturing, filling and testing of gas extinguishing systems at its facility in Pendik. Cukurova Branch has given a service since 2019 and Ankara Branch has given a service since 2019.

REAKTSIONNI TEKHNICHESKI SISTEMI OOD / Sofia-Bulgaria Company has given a service since 2018.

All the activities and efficiency of the company are maintained on the ERP platform and integrated with quality management.



The designs of Refleks Fire Protection Systems are realized by experienced engineering team with using VdS certificated softwares. The application is provided completely by our own staff.

The projects, which are related with sprinkler, foam, gas or wet/dry chemical extinguishing agents, are matched with passive systems in the sense of total risk and security of facilities and ships are integrated with active and passive solutions.

Some special measures are taken to protect and protect the rights of customers in desings.

Engineering and detail solutions are followed by updated publications from VdS and UK Chamber of Fire Engineers or international fairs and seminars that certify our company. For international projects or investors' requests, works are carried out with fire consultants originating from USA or UK

All references of our company are prepared on a sectoral basis and are included in the QR code.



## THE CERTIFICATES OF INTERNATIONAL



Instution of the Certificate	Certificate Subject	Certificate No
Vds - GERMANY	HFC-227ea ( Trade name FM200 ) Gaseous Extinguishing System ( 25 - 42 Bar )	S 317010
Vds - GERMANY	Gaseous Extinguishing System ( Hose )	G 315014
Vds - GERMANY	Gaseous Extinguishing System ( Check Valve )	G 317003
Vds - GERMANY	Gaseous Extinguishing System ( Nozzles )	G 317010
Vds - GERMANY	Gaseous Extinguishing System ( Check Valve, Hose, Nozzle ) Production Facility	21.01.2019
Vds - GERMANY	Hydraulic Calculation Program ( HFC-227ea ) ( Trade name FM200 )	DE190145687
Vds - GERMANY	Hydraulic Calculation Program ( CO <sub>2</sub> )	DE190145687
Vds - GERMANY	Hydraulic Calculation Program ( FK-5-1-12 ) ( Trade name Novec 1230 )	DE190145687
Vds - GERMANY	Hydraulic Calculation Program ( IG-541 )	DE190145687
Vds - GERMANY	Hydraulic Calculation Program ( WinSprink )	CEA 4001 V1.07
TUV - SUD	Cylinder Manufacturing TPED (π)	0036-009-14 Rev.1
TUV - AUSTRIA	Modul B ( Valve DN25, DN33, DN50 )	2019-TURK-402-17-IS-1068
TUV - AUSTRIA	Modul D ( Valve DN25, DN33, DN50 )	ZSTS/SWZE/3149
TUV RHEINLAND	HFC-227ea ( Trade name FM200 ) Gas Purity Test	012204830 BG/I 220004.00
TURKISH LLOYD IN-HOUSE	Certificate for Hydrostatic Testing of Seamless, Welded Steel Tubes, Valves	3551-220509130616-001
EFFECTIS ERA AVRASYA	EW30 - E240 Fire Curtain Endurance Test according to TS EN 1634-1	EEA – 2200 – 0009
RUSSIAN FEDERATION	GOST-R ( HFC-227ea "Trade name FM200" Gaseous Extinguishing System )	TR.C00354 / 2000257
RUSSIAN FEDERATION	GOST-R ( FK-5-1-12 "Trade name Novec 1230" Gaseous Extinguishing System )	TR.C00524 / 1100705
TURKISH STANDARDS	TS-11827 ( CO <sub>2</sub> , HFC-227ea, HFC-125, HFC-36, FK-5-1-12 Refilling )	34-HYB-15734
TURKISH STANDARDS	TS-13345 ( Service Qualification Certificate )	34-HYB-15493
CONTROLUNION	ISO 9001 - 2015 ( Quality Management System )	CU-TUR-0024/REF-QMS
ISTANBUL CHAMBER OF INDUSTRY	Manufacturer Certificate	15407
ISTANBUL CHAMBER OF INDUSTRY	HFC-227ea ( Trade name FM200 ), HFC-125, FK-5-1-12 ( Trade name Novec 1230 ) Domestic Goods Certificate	2021108377809
ISTANBUL CHAMBER OF INDUSTRY	Portable Fire Extinguisher CO <sub>2</sub> 60kg Double Cylinder with Trolley Domestic Goods Certificate	2021108385203
ISTANBUL CHAMBER OF INDUSTRY	Micro Gaseous Extinguishing Domestic Goods Certificate	2021108377979
TURKISH PATENT INSTITUTE	REFLEKS Trademark Registration Patent	2008 23316
TURKISH PATENT INSTITUTE	RSS Trademark Registration Patent	2015 42278
TURKISH PATENT INSTITUTE	RSS MIKROREFLEKS Trademark Registration	2016 01069
TURKISH PATENT INSTITUTE	Fire and Smoke Curtain Utility Model Certificate	TR 2018 07825 Y
CHAMBER OF MECHANICAL ENGINEERS	Ekipnet Certificate Authorized to Make Periodic Controls	PKTE 05551



Sample of HFC-227ea (FM200)  
Application



Our HFC-227ea gas extinguishing system, which is known the trade name “FM-200® Gas Extinguishing System, is manufactured, designed, sold and maintained by our company. The system patented RSS® (Refleks **S**uppression **S**ystems) with VdS, GOST-R, CE (π 0036 and π 0408) certified.

The HFC-227ea (FM-200) gas, which is in our systems, FM approved and UL listed. TPED (π) (EN 13322-1) (2010/35 / EU) certified cylinders, which are manufactured in our facilities, are equipped with VdS certified valve, check-valve, connection hoses, nozzles, CE certified collectors and VdS certified manometers.

They are manufactured with under the supervision of VdS, TÜV-SUD, GOST-R in our own facilities as a “system”.

The applications are done according to desings and engineering calculations which are calculated by using VdS certificated Hydraulic Calculation Software.

Our company has CE certificate for the installation of gas extinguishing systems while our filling facility is TSE certified.

The cylinders produced with TPED (π) certificate according to EN 13322-1 rules have a capacity of 26, 45, 83, 150lt (150lt U - 150lt K). Both 25 bar and 42 bar VdS certified systems are available.



- It can be used at the areas which has industrial, social, military or civil (A), (B), (C), (E) class fire loads and which has human or non-human at automatic or manual systems. It is not be used for the places, which has (D) class fire load and nitrate.
- It can be used for; UPS, server, compensation, battery rooms, panel rooms, transformers, cutters, turbines, generators, cable galleries, communication facilities, electronic equipment in all military and civil, industrial or marine vehicles and facilities used in cranes, ports and terminals used in cranes , factory roof creams, elevator machine rooms,
- Protection of paper copies and/or electronic archives, museums, exhibitions, historical buildings, antiquities, libraries,
- Natural gas gas distribution stations, chemical industry, laboratories, fume cupboards, refinery facilities, compressors, ventilation units.
- If FM approved and UL listed or LPCB certified systems are requested, they are imported and assembled from European and US companies, which we represent.





Our FK 5-1-12 gas extinguishing system, which is known the trade name as “NOVEC 1230”, is manufactured, designed, sold and maintained by our Company as RSS® (Refleks Suppression Systems) brand name.

If the FK 5-1-12 system is requested according to have VdS certificate, it is delivered as RSS® (Refleks Suppression Systems). FM approved and UL listed FK 5-1-12 extinguishing agent is supplied from USA. TPED (π) (EN 13322-1) (2010/35/EU) certified cylinders, which are manufactured in our facilities, are equipped with VdS certified valve, check-valve, connection hoses, nozzles, CE certified collectors and VdS certified manometers. The all system are delivered with VdS certification.

Our filling facility is TSE certified for this system. The cylinders, which are produced in our facility as 25 bar with TPED (π) certificate, have 26, 45, 83, 150lt capacity.

TPED (π) certificated 25 bar produced cylinders; It has a capacity of 26, 45, 83, 150lt, but the ones supplied from the USA are of different capacity but the cylinders, which are come from USA, have a different capacity.





- All industrial, social, military or civilian (A), (B), (C), (E) class fire loads. It is used in automatic or manual systems in human or non-human areas and cannot extinguish only in areas where class (D) fires contain nitrate.
- UPS, server, compensation, battery rooms, panel rooms, transformers, cutters, turbines, generators, cable galleries, communications facilities, electronic equipment in all military and civil, industrial or marine vehicles and facilities in the energy fields,
- Protection of paper copies and/or electronic archives, preservation of museums, exhibitions, historical buildings, antiquities, libraries, marine sector,
- Natural gas gas distribution stations, chemical industry, laboratories, fume cupboards, refinery facilities, compressors, ventilation units,

If FM approved and UL listed or LPCB certified systems are requested, they are imported and assembled from European and US companies we represent.



DOOR-FAN / INTEGRITY tests are provided by our certified products and engineers according to NFPA 2001 rules.



Inert Gas Extinguishing Systems (IG-01, IG-541, IG-55) are manufactured, designed, sold, assembled and maintained by our company, with GOST-R certified as RSS® (Refleks Suppression Systems) brand.

The cylinders, which are supplied from Europe with TPED (π) (EN 13322-1) (2010/35/EU), are equipped with certified valves, check-valve, connection hoses, nozzles and collectors manufactured as “system” and it is controlled in our test station.



## INERT GAS SUPPRESSION SYSTEMS

Made in TURKEY

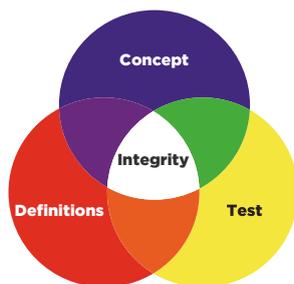


The Applications are done according to Desings and Engineering calculations which are calculated by using VdS certificated Hydraulic Calculation Software. Our company has CE certificate for the installation of gas extinguishing systems.

The imported TPED (π) certified cylinders have a capacity of 40, 67, 80 and 140lt at 200 bar working pressure or 80 or 140lt at 300 bar working pressure. Due to the high pressure, the required pressure relief dampers are calculated separately and supplied and assembled according to their dimensions.

- All industrial, social, military or civilian (A), (B), (C), (E) class fire loads. It is used in automatic or manual systems in human or non-human areas and cannot extinguish only in areas where class (D) fires contain nitrate.
- UPS, server, compensation, battery rooms, panel rooms, transformers, cutters, turbines, generators, cable galleries, communications facilities, electronic equipment in all military and civil industrial vehicles and facilities in the energy fields,
- Preservation of paper copies and/or electronic archives, preservation of museums, exhibitions, historical buildings, antiquities, libraries,

If FM approved and UL listed or LPCB certified systems are requested, they are imported and assembled from European and US companies we represent.



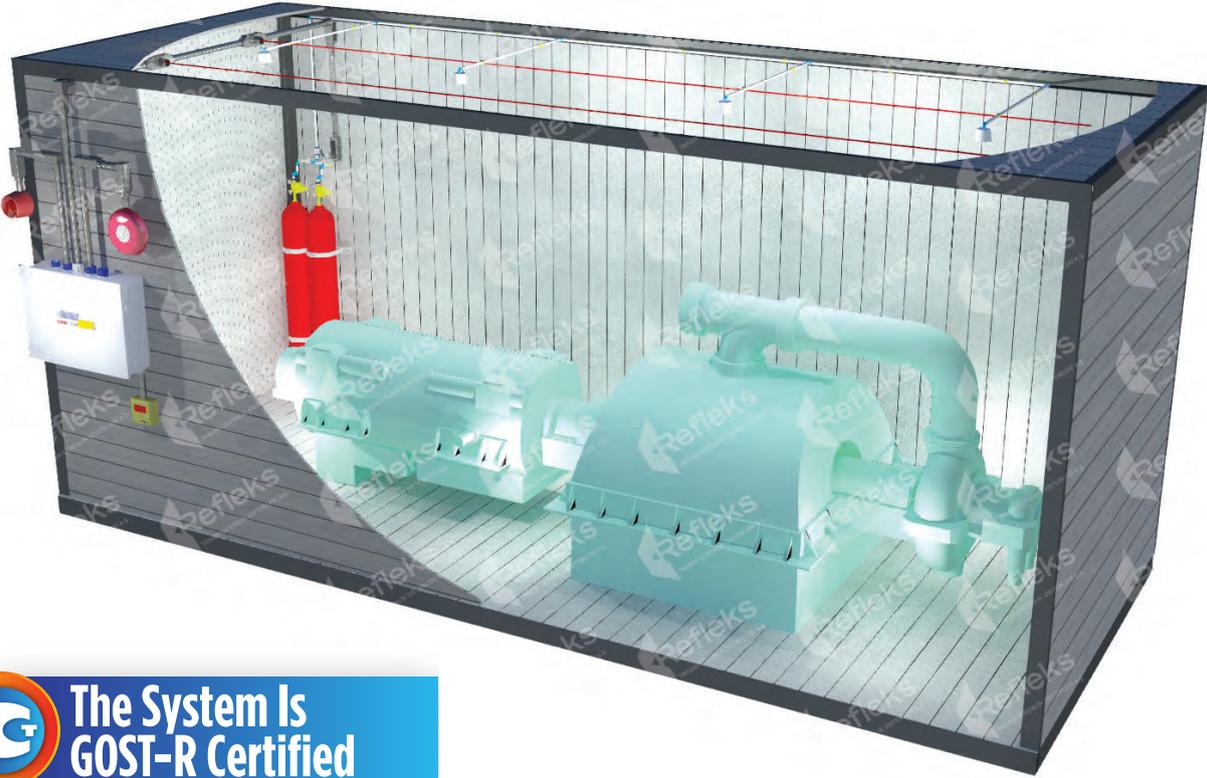
System  
Integrity



Sample of  
200 Bar Inert System



Sample of  
Ventilation Cover



Container CO<sub>2</sub> Gas Extinguishing Application

The High Pressure CO<sub>2</sub> Systems, which are manufactured, designed, sold, installed and maintained by our company, have GOST-R certification and they are produced as RSS® (Refleks Suppression Systems) brand. Low pressure carbon dioxide systems are delivered between 2 - 10 tons as certified/TYPE approved system.

The cylinders, which are supplied from Europe with TPED (π) (EN 13322-1) (2010/35/EU), are equipped with VdS certified valves, GOST-R certified check-valve, connection hoses, nozzles and collectors manufactured as "system" and it is controlled in our test station.

The applications are done according to designs and engineering calculations which are calculated by using VdS certificated Hydraulic Calculation Software.



Sample of  
High Pressure CO<sub>2</sub> System



CO<sub>2</sub> Nozzles

## HFC-125 GAS EXTINGUISHING

Made in TURKEY



- All industrial, social, military or civilian (A), (B), (C), (E) class fire loads. It is used in automatic or manual systems in human or non-human areas and cannot extinguish only in areas where class (D) fires contain nitrate.
- It can be used in areas where HFC-227ea (FM-200), FK 5-1-12 and INERT systems are used. There is no difference from other systems. It operates at a pressure of 25 bar and HALON 1301 systems have the advantage that it is possible to use the same pipes with the replacement of cylinders and nozzles without the need to replace the pipes, when replacement is desired.
- If FM approved and UL listed or LPCB certified systems are requested, they are imported from European and US companies that we represent and assembled.



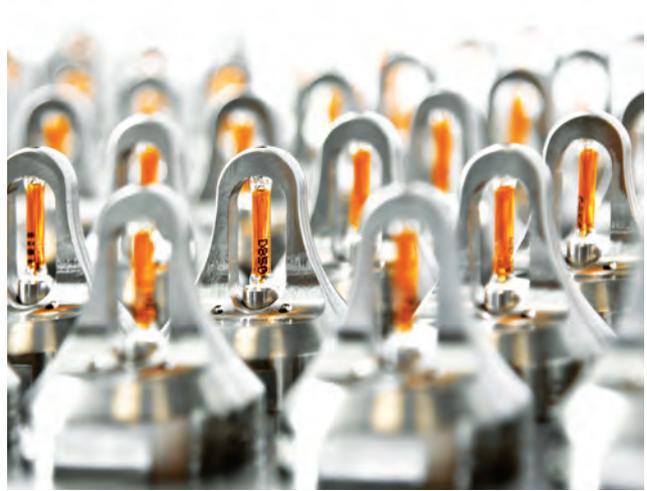
DN 25

DN 33

DN 50

EN 12094 Certified (CE) Valves

## WATER MIST SUPPRESSION SYSTEMS



The Water Mist Extinguishing System sold, installed and maintained by our company is imported from Europe. All of our equipments and hydraulic calculation program, which used in engineering and design are certified with VdS approval. The high pressure, which is required by the "Water Mist" system is provided nitrogen cylinders instead of pumps. The design pressures range from 100 bar to 140 bar and the most important element of the design is the selection of nozzles. The height of the protected area and the fire risk class directly affect the choice of nozzle. Stainless pipes, fittings, valves and collectors are used, connections are provided with Lock Triple Lock "system and special equipment so that welded production is not required.

## WATER MIST SUPPRESSION SYSTEMS



Istanbul Governorship Building



Petrochemical Refinery



Ottoman High School / Heritage



Steel Factory (Turkey)



National Printhouse (Turkmenistan)



Steel Factory (Turkey)

- Server rooms, cable galleries, turbines, generators, transformers, energy sector,
- Fuel pumps, fuel tanks, lubricating oil tanks,
- Engine test rooms, bremsen rooms, machinery/equipment, hydraulic and pneumatic systems,
- Electrostatic coating, dipping, cleaning processes and all industrial areas,
- In museums, archives, libraries, historical buildings, ornamented areas with pen workmanship,
- In road and railway tunnels, railway and subway wagons, passenger platforms,
- Military facilities, ammunition,
- In the marine sector, in each compartment of the ships,
- Aircraft and helicopter hangars, air industry and facilities in air bases,
- It is used in wooden and "Bağdadi" roofs and structures.

If FM approved and UL listed or LPCB certified systems are requested, they are imported and assembled from European and US companies we represent.



## FOAM EXTINGUISHING SYSTEMS



Aircraft Hangars High Expansion Foam Extinguishing System

Foam extinguishing systems which are designed, assembled and maintained by our company, are manufactured in Italy with RSS® (**R**efleks **S**uppression **S**ystems) brand with GOST-R, RINA and CE certificate. The ready-to-mix, concentrated foam concentrate, called foam extract, is imported from the Swedish company Fomtec, which we represent, on a synthetic or protein basis. Foam extracts are recommended to the user according to the risk group and design criteria. In the right product selection, tank fire, surface fire or fire types that may occur at high elevations, the type and property of the foam, expansion rate, back combustion resistance, extinguishing time is decided by looking and hydraulic calculations are made accordingly.



Horizontal  
Bladder Tank



Foam Nozzle  
(K41)



Foam Monitor (Manual,  
Semi or Full Automatic)

## POWDER AND FOAM EXTINGUISHING SYSTEMS



Foam extracts are generally used by mixing 3% or 6%. However, some foam extracts are used between 1% and 0.5% and depending on the expansion rates;

- Low Expansion (Heavy Foam): Expansion rate 1/1 - 20/1
- Medium Expansion (Medium Foam): Expansion rate 20/1 - 200/1
- High Expansion (Light Foam): Expansion rate is classified as 200/1 - 800/1

### Powder Extinguishing Systems

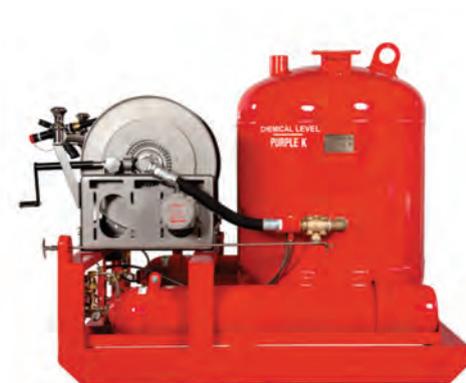
Automatic or manual extinguishing is provided with (ABC) or (BC) class powders.

Design and system supply according to the NFPA-17 rules, implementation of our company is done in areas where flammable/flammable materials.

We are importing UL (EX6015) listed and EN 615 certified (BC) class dry chemical powders especially demanded in marine and air sector. MONNEX or RENEX-MX powders are delivered from stock.



Foam  
Generator



Automatic Dry Chemical  
Powder Extinguishing System



(UL) Listed/EN 615 Certified  
(BC) Dry Chemical Powder



Micro Extinguishing System, which is sold, installed and maintained by our company, is filled with HFC-227ea (FM 200), HFC-125 gas or FK 5-1-12 (Novec 1230) imported from Europe. The calculation method is "Pre-engineering". **Mikrorefleks** is a patented brand on behalf of our company.

- Computer systems, UPS units, server cabinets, electrical distribution boards, compensation units, breakers, LV / MV panels, GSM operators in link stations, communication facilities, wind generators, cable galleries,
- Buses, VIP vehicles and construction machines, engine cabins, roof cranes,
- CNC machines, machine rooms, food, textile, chemical processes,
- Bank ATMs and money transport vehicles,
- Containers, chemical equipment cabinets, compressor and air conditioning units,
- Kitchen hood, filter inside and chimneys,
- Museum showcases, small archives,
- Used in suspended ceilings or raised floors smaller than 30 cm.

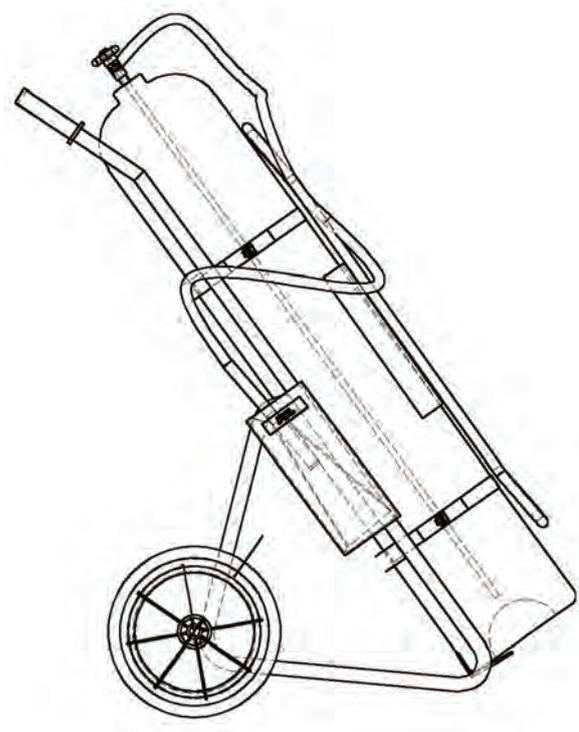
If FM approved and UL listed or LPCB certified systems are requested, they are imported and assembled from European and US companies we represent.

## MOBILE CO<sub>2</sub> EXTINGUISHING SETS



Made in TURKEY

013525-TSE-01/01



The System Is  
TSE Certified

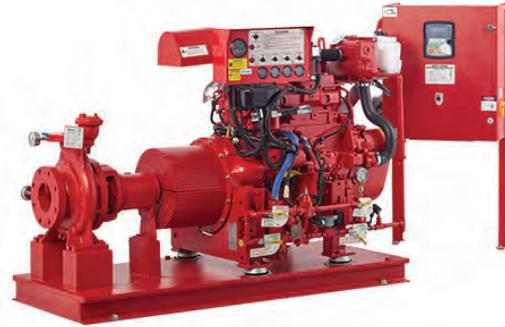
In the first steps of Class B and C fires, CO<sub>2</sub> extinguishing devices with a capacity of 2-4 kg are inadequate and it is difficult for the operator to approach the fire and take control of the fire completely.

For this purpose, 30x2=60kg capacity, 40 liters TPED (π) EN 13322-1 (2010/35/EU) certified cylinders formed with 5m diameter hose 2 minutes 27 seconds and 2.45 kg flow rate provides fire defense, It is effective in an area of 7.5 - 10 m<sup>2</sup>.

Tests were carried out in accordance with EN ISO 9227, (EN 3-7)+A1, TSE EN 1866-1 standards under 113B conditions.



## WATER EXTINGUISHING SYSTEMS



Hydrants and fire cabinets, fire pumps, monitors, sprinkler systems and valve groups, which are sold, assembled and maintained by our company, are certified. In the designs, equipment is selected by using VdS approved hydraulic calculation program, options are determined by considering fire class and load in protected volume, usage style, infrastructure, shelf arrangement, heights, freezing risk, regional seismic class and valve groups are selected according to system model. The collector productions are produced with CE certificate in our factory.

## AEROSOL SUPPRESSION SYSTEMS

### Aerosol Systems

The ease of installation and successful in all fires other than Class (D), The Aerosol System is triggered manually or by the signal from the fire detection system of the potassium cartridge inside. It is a VdS certified system especially used in substations and energized areas.



### Kitchen Hood Suppression Systems

In kitchen projects, design of automatic or manual extinguishing system, pipe plan, UL-300 certified material supply, installation, testing and maintenance are provided to cooking groups under hoods, chimney and hood filters.



## FIRE PROTECTION SYSTEMS FOR INDUSTRIAL AND MILITARY SHIPS



Commercial and military ships, shipyards, terminals, ports and marinas;

- Fire Alarm Systems,
- Gas Extinguishing Systems,
- Foam Extinguishing Systems,
- Water Mist Systems,
- Water Extinguishing Systems,
- Fire Safety Equipments are designed, supplied and applied with certified products of the class organization chosen as turnkey.

Portable fire pumps, which are used in the marine sector, have internal combustion drives that are portable by two people and are used for the purpose of evacuating the pressurized fire water by making use of the sea or any water source during the fire.

Portable pumps are imported and, if requested, mounted on trailers in our facilities. Portable pumps are equipped with a petrol or diesel engine. There are a total of 40 different portable pump options. Pump maintenance and repair team, test workshop and spare parts stocks are always in service.



**The Flow Starts Here**

Powerful, Portable, Pumps



**MANUFACTURING**

Since 1908

## FIRE AND GAS DETECTION SYSTEMS

It is supplied on the basis of fire detection systems and project, which are sold, assembled and maintained by our company. When designing fire detection systems, options are determined by taking into consideration the fire class and load in the protected volume, shelf layout, heights, traffic in the facility, process, and addressable, conventional or exproof product groups are selected according to the system model.



Exproof Flame Detector



Exproof Gas Detector



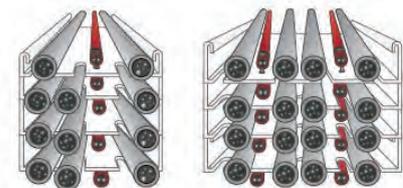
Exproof Flame Detector (IR3)



Exproof Heat Detector



Combined Detector



Line Type Heat (LHD) Application

## FIRE CURTAINS

Fire and smoke curtains, which are sold, installed and maintained by our company, are imported from “COOPERS-UK” company.

Vertical or horizontal fire curtain; According to the fire scenario, evacuation plans and architecture, it is used for the purpose of passive system as an element of the structure in order to block smoke or heat inside the facilities.

It is turned off automatically by the signal received from the fire alarm system, and in case of emergency, it is opened by means of a button. It is used for the control and blocking of smoke and heat in the facilities which are open to the public, keeping the corridors leading to escape routes in terms of life safety, the quick start of the sprinkler system and creating safe zones. The use of horizontal fire curtains is a good solution especially for atrium type buildings.



Automatic Horizontal Fire Curtain



Automatic Concertina Type Fire Curtain



Special Applications In Fire Zones



Automatic Vertical Fire Curtain

Fire Curtain Systems are certified according to PAS-121 rules. It has BS-476-22, BS-EN 1634, EN 13501-2:2007+A1:2009 certificates. According to the definitions (E) and (EI) or (EW), systems are delivered at the request of the user or fire consultant. They are BS 8524-1 certified and UL listed.

## SMOKE CURTAINS



Smoke Curtain Test

Fire curtains are certified to withstand 2 hours to 1000 °C and 4 hours to 1000 °C. The smoke curtains are resistant to 600 °C for 2 hours and are at least A2 certified. These values apply not only to curtain fabric but to the entire system.

If fire doors are located in frequently used points, if they are designed in places where people with disabilities are a good solution instead of fire doors. Especially preferred in hospitals, shopping malls, metro stations, hotels and terminals.

The smoke curtain is designed according to EN12101 rules and supplied and installed. The pooling of smoke within a certain time and keeping it at the ceiling level provides the opportunity to evacuate the personnel during the collapse period.



Oval Type Smoke Curtain Applications

## FIRE DOORS

Fire doors in the facilities according to the fire scenario, evacuation plans and architecture, according to life safety rules, as escape doors in the stairs used in the evacuation of the structure, between the fire zones, the prevention of smoke and heat in the fire walls or in production areas, energized areas, kitchens, high fire load These are passive fire systems used to prevent the spread of fires that may occur in the spaces. Our rolling- fire doors are FM approved and UL listed and operate with 200 kg/m<sup>2</sup> horizontal strength.



Integrated (T) Type Rolling Shutter Fire Door with Pedestrian Crossing Fire Doors



Rolling Shutter Fire Doors



The large size steel fire doors (roller hinges or sliding type) which are sold, installed and maintained by our company, are not only supplied from USA with UL listed but also Europe with EN 1634, BSI 476 certified. They have 4 hours fire resistance at 1000 °C.

Maintenance and tests are carried out electro-mechanically according to EN norms. Technical details and more information are provided in our specifications at [www.refleksfire.com](http://www.refleksfire.com)



Single and Double Hinged Doors

## FIRE STOPPERS

FM listed products are used in buildings especially in vertical shafts and horizontal transitions, in ensuring the integrity of room seals and compartments, fire safety zones, and in the transfer of heat and smoke in unwanted regions in horizontal and vertical areas;

- “MASTIC” products
- “MORTAR SEAL” products
- “PANEL” products
- Special paints for passive protection of steel structures
- Special paints for protection of wood, building material
- Special paints for protection of cables



Application in  
Cable Transitions



Application in  
Wall Transitions



Application in  
Harnesses

## MAINTENANCE AND REPAIR OF FIRE PROTECTION SYSTEMS



### MANUFACTURING- FILLING- PERIODICAL MAINTENANCE & TEST

Periodic maintenance, testing and control of fire safety systems of many facilities that we have completed in Turkey and abroad are carried out by our mobile teams. At the same time, new personnel of our customers are provided with operational and test training services, and tests and repairs are performed in our electronic and mechanical workshops.

The first and re-filling of HFC-227ea (FM-200), HFC-125, FK 5-1-12 and Inert, CO<sub>2</sub> gas extinguishing systems, which are sold, assembled and maintained by our company, are carried out by our certified personnel in our certified facilities.

In our facilities, calibrated test equipments are used according to the processes of RSS, UL and gas producers. Our facility; certified by TSE for gas extinguishing systems. VdS and TSE are under supervision.

After the installation of active and passive fire safety systems, our technical team ensures that the mechanical installations are tested according to ISO 15004, NFPA, EN norms and the electrical installations according to NFPA 72 or EN 54 rules.

After the tests, training is given and the end user is taught theoretically and practically how to use and maintain the systems and how to eliminate the malfunctions.

## CERTIFICATES FOR OUR SYSTEMS AND PRODUCTS

### CERTIFICATES FOR MANUFACTURING, SERVICE OR SUPPLIED PRODUCTS

Systems / Products	Suppliers	Certifications													
		FM	UL	VDS	EN	GOST	ICAO	MARINE	LPCB	BSI	ATEX	CE	TSE	TPED (IT)	
HFC-227ea (FM-200) Gas Extinguishnig Systems	RSS - FSL - JANUS - SAFETY HI-TEC	✓	✓	✓		✓		✓	✓			✓	✓	✓	
HF-125 Gas Extinguishnig Systems	RSS - SAFETY HI-TEC	✓	✓	✓		✓			✓			✓		✓	
Inert Systems (IG01, IG541, IG55) (200 - 300 Bar)	RSS - SAFETY HI-TEC	✓	✓	✓		✓			✓			✓		✓	
FK 5-1-12 (NOVEC) Gas Extinguishnig Systems	RSS - JANUS - SAFETY HI-TEC	✓	✓	✓		✓		✓	✓			✓		✓	
CO <sub>2</sub> Suppression Systems	RSS - JANUS	✓	✓			✓						✓		✓	
MICRO Suppression Systems	RSS	✓	✓			✓			✓			✓		✓	
Aerosol Suppression Systems	SALGROM			✓											
Cylinder (2 - 150lt)	RSS				✓							✓		✓	
Foam Concentration	FOMTEC		✓		✓		✓	✓							
Foam Suppression Systems	CSI	✓	✓		✓	✓		✓				✓			
Sprinkler System (Nozzle-Valve)	TYCO - INBALL	✓	✓	✓				✓	✓	✓	✓	✓	✓		
Fire Pumps	STANDART - SPP	✓	✓	✓											
Portable Fire Pumps	CET											✓			
Water Mist	AQUASYS	✓	✓	✓								✓			
Dry and Wet Chemical Extinguishing System	FIRE SAFETY DEVICES		✓		✓										
Fire Detection System	SCHRACK - APOLLO	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓		
Exproof Products	EMERSON - SST - REZONTECH	✓	✓									✓			
Automatic / Fixed Fire and Smoke Curtains	COOPERS FIRE		✓		✓					✓		✓			
Fire Doors	NINZ - MCKEON - CASTELLI	✓	✓		✓							✓			
Fire Stoppers	VIJAY SYSTEM	✓	✓		✓										
Roof Ventilation Systems	FORM GRUP											✓			
Collector Manufacturing	RSS					✓						✓			
Pipe Installation of Systems	REFLEKS											✓			
Re-filling of Gaseous	RSS					✓							✓		
Nozzles for Gas and Foam Extinguishing Systems	RSS	✓	✓	✓		✓									
Fittings	RSS			✓		✓									
Design and Engineering	REFLEKS	✓	✓	✓											
CO <sub>2</sub> Portables	RSS												✓		



ICAO





### Head Office / Warehouse

📍 Abdi İpekçi Cd. Mermer Sk. No: 4  
34876 Kartal/ISTANBUL

☎ +90 (216) 469 1078 pbx  
📠 +90 (216) 469 1082  
📞 +90 (533) 968 2994 - 95

✉ [refleks@refleksfire.com](mailto:refleks@refleksfire.com)  
🏠 [www.refleksfire.com](http://www.refleksfire.com)



**REAKTSIONNI TEKHICHESKI  
SISTEMI OOD**  
REACTION TECHNICAL SYSTEMS LTD

### Head Office

📍 Pozitano Str. No.9 Fl 1b  
Sofia 1000 BULGARIA

☎ +359 897 584 484

✉ [info@reaktsionni.com](mailto:info@reaktsionni.com)  
🏠 [www.reaktsionni.com](http://www.reaktsionni.com)

### Gas Extinguishing Systems Filling Station

📍 Velibaba Industrial Estate A3 Block No: 19  
34896 Pendik/ISTANBUL

☎ +90 (216) 452 5496  
📠 +90 (216) 452 5496



[www.refleksfire.com](http://www.refleksfire.com)

