



DUSARA

FIRE PROTECTION

Reliable source for fire fighting Safety & Security Systems and services. Highly qualified team of professionals with solid experience in the field of fire fighting.



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About us

Dusara fire protection was formed in 2008, is one of the biggest and fast-growing fire protection company of Iraq which offers a comprehensive range of firefighting products, equipment's and technology solutions. Many years of design and development by our industry experts has resulted in a range of firefighting equipment at the forefront of the global fire industry. With the technology and design behind our products we have successfully broken into a wide range of markets currently servicing more location in our country with our products. We have development and manufactured a wide spectrum of fire protection equipment over years which has helped keep Dusara fire protection at the forefront of our country, with over of expertise,

Dusara fire protection turnkey solutions in fire protection, fire suppression and fire detection systems for industrial requirements.

Dusara fire protection as a company in the filed of fire protection, we are a dedicated group and more than (35)adequate manpower resources by a team of professionally qualified and experienced engineers in this field who are capable of designing, procuring and executing projects right from concept to commissioning stages.



Mariwan Faeq
CEO



DUSARA FIRE PROTECTION PROFILE

VISION

Aimis to grow as one of
asias most respected
one-step supplier.




VALUES

Offering new innovations
and better solutions, backed
by a strong commitment
and after sales support to
ensure customer total
satisfaction



MISSION

Offering the highest quality
products and value-added
services to our customers
around our contry.



MANAGEMENT STRUCTURE

CEO



OUR SERVICES

The services business unit concentrates on maintenance services offers on site assistance and long-term service agreements. During the years Dusara Fire Protection has developed a wide range of supporting services aimed at maximizing efficiency, safety and operational lifetime of its fire suppression systems & equipment. End users who have joined Dusara Fire Protection Fire service programs protect their assets, extend their system warranty, monitor and keep their investment running securely while reducing downtime and production losses. Skilled engineers cover all the required fire suppression and F&G detection systems with skill and expertise in order to deliver to our customers a full service coverage.





MAINTENANCE

When customers select Dusara Fire Protection for their fire protection requirements consideration must also be given to the extended service possibilities that they gain when installing Dusara Fire Protection technology in their plant. Some fire detection or firefighting solutions are proposed with remote diagnostic capabilities. This often turns into a valuable support service that solves remotely minor issues that could arise in the systems. This approach has been found capable of reducing time and logistic cost in comparison with dispatching service engineers to remote locations.

REPAIRS

Troubleshooting and repair are also a service that Dusara Fire Protection make available on demand dispatching specialist engineers to restore the malfunctioning systems. A wide range of most common spare parts is kept in stock for quick restoration. Customers who have long term service agreements may access a reserved spare parts list.

SPARE PARTS

Spare parts are a vital part of any system. In fire protection installation there may be several manufacturers of equipment who do not always keep in stock a strategic spare parts list for trouble free operation. In certain industries the fire system plays a fundamental role because they are interconnected with the process they are protecting and therefore a possible fault implies a loss of production or a unsustainable risk. Dusara Fire Protection is capable of performing fire systems assessment and works out a strategic list of spare parts which will be suggested to be kept on the client premises or alternatively under SA spare part management system. When used during preventive maintenance or repair the spare part is automatically reordered. Records are also kept on system technology aging and spare part availability of the product being replaced in order to schedule the substitution.

TESTING

Fire protection systems such as foam, Carbon Dioxide, Inert & Halocarbons gases, and Water Spray require some specialist testing. DUSARA FIRE PROTECTION offers a wide range of specialist testing such as:

- Foam solution concentration test according to NFPA 11
- Co2 concentration measurement during full discharge according to NFPA 12
- Inert & Halocarbons enclosure integrity test according to NFPA 2001
- Water based system flow measurement according to NFPA 15



TRAINING

Training sessions are normally given to owners for their first system and include overview of the system architecture, troubleshooting instructions, configuration and maintenance. Those courses can be repeated from time to time according to client personnel turnover.

REMOTE MONITORING & DIAGNOSTIC

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UPGRADING SOLUTIONS

The upgrading solution is a service offered to those clients who wish to make variations, modify or improve an existing fire & gas or fire suppression system. Dusara Fire Protection offers consultancy in the risk analysis, basic and detail design of the modification including responsibility transfer for the modified system.

FIELD SERVICES

Field service available with Dusara Fire Protection is mainly related to regular service and inspection of fire detection and firefighting systems, erection supervision or commissioning.

OUR Products

Firefighting Equipment is the main firefighter equipment used to extinguish fires, including fire fighting hose, portable fire pumps, fire hose reels, fire monitors and fire fighting nozzles.

FIRE TRUCK

We are proud to be a 1st company in the region to assemble and produce a fire trucks with all description



FIRE DOORS

A fire door is a door with a fire-resistance rating used as part of a passive fire protection system to reduce the spread of fire and smoke between separate compartments of a structure and to enable safe egress from a building or structure or ship.



FIRE PUMP SYSTEM

A fire pump is a part of a fire sprinkler system's water supply and powered by electric, diesel or steam. The pump intake is either connected to the public underground water supply piping, or a static water source (e.g., tank, reservoir, lake)



Trailer Mounted Monitor with Foam Tank

The unit is used for fast flexible emergency response for fire fighting in industries. Water foam monitor is mounted on trailer with foam concentrate storage tank. Trailer is having two wheel pneumatic tyres.



Fixed Platform Monitor Tower.

Fixed Platform Monitor Tower. -
Our monitor towers have a fixed or platform available in Various heights, the structure of our towers is designed to Withstand the stress .



FM 200

FM200 is a synthetic/chemical fire suppression gas and extinguishes a fire by removing the free radicals or heat elements from the fire triangle. (Oxygen, Heat and Fuel). The typical concentration of an FM200 system is normally between 7.9% to 8.5%.



Foam System

A foam-water system is a special system of pipe connected to a source of foam concentrate and to a water supply. The system uses appropriate discharge devices to control and/or extinguish fires which require a smothering and cooling agent.



Booster Pump Water

A booster pump increases low water pressure and flow. It provides the extra boost needed to bring your water pressure to the desired level. A water booster pump provides pressure to move water from a storage tank or throughout a whole house or commercial facility.



Fire Hydrant

Fire hydrants come in two basic categories: wet barrel and dry barrel. Manufacturers intend wet-barrel hydrants to be used only in climates where the temperature never drops below 32 degrees because they are always charged with water. Dry barrel hydrants automatically drain after the water is turned off and are much more widely used for obvious reasons.



Foam Chamber

Foam chambers are a discharge outlets for delivering foam to the surface of a flammable liquid. They are commonly used with bladder tanks, balanced pressure pump proportioning systems, line proportioners or foam trucks.



landing Valve

Landing valves are suitable for installation on wet risers in buildings for fire fighting purposes, permanently charged with water from a pressurized supply. They are Globe valves that are installed on hydrants, a branch and hose is connected to a coupling on it.



Safety Valve

A safety valve is a valve that acts as a fail-safe. An example of safety valve is a pressure relief valve (PRV), which automatically releases a substance from a boiler, pressure vessel, or other system, when the pressure or temperature exceeds preset limits.



Fire Sprinkler

A fire sprinkler or sprinkler head is the component of a fire sprinkler system that discharges water when the effects of a fire have been detected, such as when a predetermined temperature has been exceeded. Fire sprinklers are extensively used worldwide,



Pressure Tank

An expansion tank small tank used to protect closed water systems from excessive pressure. The tank is partially filled with air, whose compressibility cushions shock caused by water hammer and absorbs excess water pressure



Fire Foam Monitor

Foam Monitors. Foam Monitors control the horizontal and vertical directions of large capacity discharge streams. Water-oscillating monitors automatically move side-to-side using water pressure as the energy source. Remote controlled monitors use an electric joystick to control horizontal, vertical and stream pattern.



Fire Water Monitor

A deluge gun, fire monitor, master stream or deck gun is an aimable controllable high-capacity water jet used for manual firefighting or automatic fire protection systems. Deluge guns are often designed to accommodate foam which has been injected in the upstream piping.



Pistol Nozzle

Pistol Nozzle features a squeeze handle and a trigger lock. The threaded tip end allows for connection to your hose with a 5/8 in. fitting. The durable metal body stands up to tough environments.



Breathing Apparatus

A self-contained breathing apparatus (SCBA), sometimes referred to as a compressed air breathing apparatus (CABA) or simply breathing apparatus (BA), is a device worn by rescue workers, firefighters, and others to provide breathable air in an immediately dangerous to life or health atmosphere.



Fire Protection Wear

A fire proximity suit (also, silvers, silver bunker suit, or asbestos suit) is a suit designed to protect a firefighter or volcanologist from extremely high temperatures. They were first designed and used in the 1930s. Originally made of asbestos fabric, current models use vacuum-deposited aluminized materials.



Aff 3%- 6% Foam

Fomtec AFFF 3% is an aqueous film forming foam concentrate (AFFF) consisting of fluorocarbon and hydrocarbon surfactants blended with various solvents, preservatives and stabilisers. The foam forms an aqueous film that rapidly cuts off the oxygen supply and knocks down the fire.



Fire Extinguisher Powder

The most common is the multipurpose dry chemical type, which is used for Class A, B, and C fires. These contain monoammonium phosphate, which comes out as a yellow powder. Ordinary dry chemical extinguishers are used for Class B and C fires only.



Fire Extinguisher CO2

CO2 fire extinguishers contain pure carbon dioxide which is a clean extinguishant, leaving no residue. Suitable for class B flammable liquid fires (petrol, oil, solvents), and recommended for use on live electrical equipment.



Fire Extinguisher Foam

foam has been used as a fire-extinguishing medium for flammable and combustible liquids. FOAM: A fire fighting foam is simply a stable mass of small air-filled bubbles, which have a lower density than oil, gasoline or water. Foam is made up of three ingredients water, foam concentrate and air.



Fire Extinguisher Water

Water and Foam fire extinguishers extinguish the fire by taking away the heat element of the fire triangle. Foam agents also separate the oxygen element from the other elements. Water extinguishers are for Class A fires only they should not be used on Class B or C fires.



Fire Automatic Powder

Nitrogen (an inert gas) which is released during the process assists in suffocating further, while simultaneously tackling the chemical reaction of the fire preventing the heat being formed and thereby cooling the floor.



Fire Extinguisher Automatic

Automatic fire extinguishers used for computer cabinets usually contain an inert gas, which is released when the temperature reaches a trigger point. The inert gas then suffocates the fire.



Fire Ball

Based on a revolutionary technology, the fireball self-detonates in contact with fire, thus it is inevitable that it will out shadow any other firefighting product



Fire Hose Surface Cabinet

Fire hose cabinets are designed to mainly hold hose rack units, however, some models have the ability to hold a 2½" valve or extinguisher or both.



Fire Hose Recessed Cabinet

Fire hose cabinets come in, recessed, semi-recessed, surface mounted, and trimless varieties. The standard door and trim material is steel, and optional materials include both aluminum and stainless steel. All have a turn handle; and continuous piano hinge constructed of material which matches the door and trim.



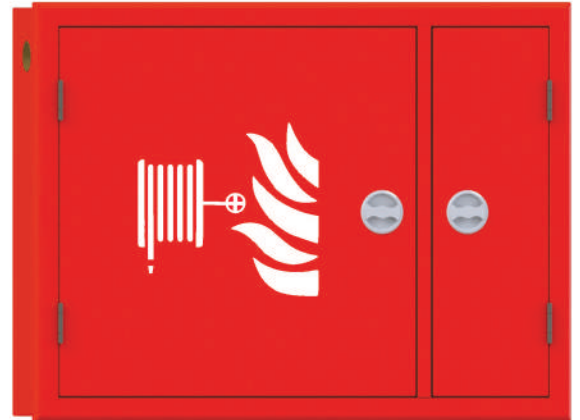
Fire Hose Cabinet with Glass

We apply gentle sand blasting to standard glass which gives a frosted appearance to the glass panel. The interior fire protection equipment can still be seen but the overall look of the cabinet is a soft appearance that blends with the decor of the building design.



Fire Hose Double Door

Double Door Fire Hose Box. Double Door Fire Hose Box is useful in installing 2 no of hose pipe along with the branch pipe. Such type of product is mostly used in Commercial project and industrial project.



Black Glass Fire Hose Cabinet

Special Edition Black Glass Fire Hose Reel Cabinet With Fire Extinguisher , Find Complete Details about Special Edition Black Glass Fire Hose Reel Cabinet .



Vertical Fire Hose Cabinet

fire hose reel cabinets and Breaching Inlet Cabinets accommodate fire hose reel, fire.



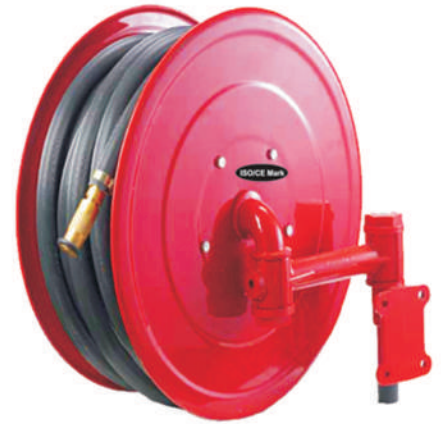
Out Door Fire Hose Cabinet

Fire cabinet is designed for safely storing fire equipment such as fire hose rack assembly, fire hose reel and fire ...
Outdoor self-stand fire hydrant cabinet.



Hose Reel

A Hose Reel is a cylindrical spindle made of either metal, fiberglass, or plastic and is used for storing a hose. The most common styles of hose reels are spring driven (which is self retracting), hand crank, or motor driven.



Fire Hose

A fire hose (or firehose) is a high-pressure hose that carries water or other fire retardant (such as foam) to a fire to extinguish it. Outdoors it attaches either to a fire engine or a fire hydrant. Indoors, it can permanently attach to a building's standpipe or plumbing system.



Cylinder Fire Hose Cabinet

Cylinder Deep Draw .Automatic hose reel has integrated automatic stop valve which will open .





OUR PROJECTS

We are as a dusara fire protection having a lot of projects here some projects which are done now .

Fixed Platform Monitor Tower

Our monitor towers have fixed or platform available in various heights, The structure of our towers is designed to withstand the stress (thrust and moment)



Sarwar Oil Refinery Firefighting Systems

IN 2013 completed by Dusara Fire Protection, Design, Supply and install all fire fighting systems for Sarwar Oil Refinery



KAR Group Khurmala Oilfield Firefighting Systems

Ongoing project commissioning stage implementation by Dusara Fire Protection, Supply and install firefighting systems for khurmala – south Oilfield



Fire Trucks

We are Proud to be 1st location in the region to assemble & produce a fire truck with complete description.



FM200 Projects

Implementation for the procurement, installation and configuration of our new Clean Agent Fire Extinguishing System (FM-200) and specification requirement for the successful Sealing of new Control Room, Switch gear Rooms and sever Rooms for Containment of Fire Suppression Agents. The proposed system designed and installed to maintain the integrity for one of the famous Oil Company in our region containing electronic equipment.



Foam System Projects

The system operates by passing the required portion of foam concentrate from a positive displacement pump to a venturi proportioner with the remaining portion recirculating through a diaphragm valve in the return line to the tank. The diaphragm valve senses and balances the pressure (which can also be balanced manually) in the foam and water lines to the proportioner. The foam concentrate then enters the proportioner where a built-in orifice regulates the flow of pressurized foam concentrate entering the water stream.



Fire Hydrants

DUSARA FIRE PROTECTION is the first in Design & Manufacture of Fire Hydrants in the region, especially Pillar Fire Hydrant 6”&4” Wet Type. Proudly our Staff produced a mast production for one of the biggest refineries in Iraq. Start from Design to test, and the hydrants now on duty and ready to fight any fire accidents successfully.



DUSARA FIRE PROTECTION



SERVICES

. During the years **DUSARA FIRE PROTECTION** has developed a wide range of supporting services aimed at maximizing efficiency, safety and operational lifetime of its fire suppression systems & equipment.

ABOUT US

DUSARA FIRE PROTECTION turnkey solutions in fire protection, fire suppression and fire detection systems for industrial requirements.