



MAXSAFE
PROTECTION SYSTEMS
Where Safety Meets Technology

MPS Fire Engineering



Head Office: Ghaziabad, Uttar Pradesh, India

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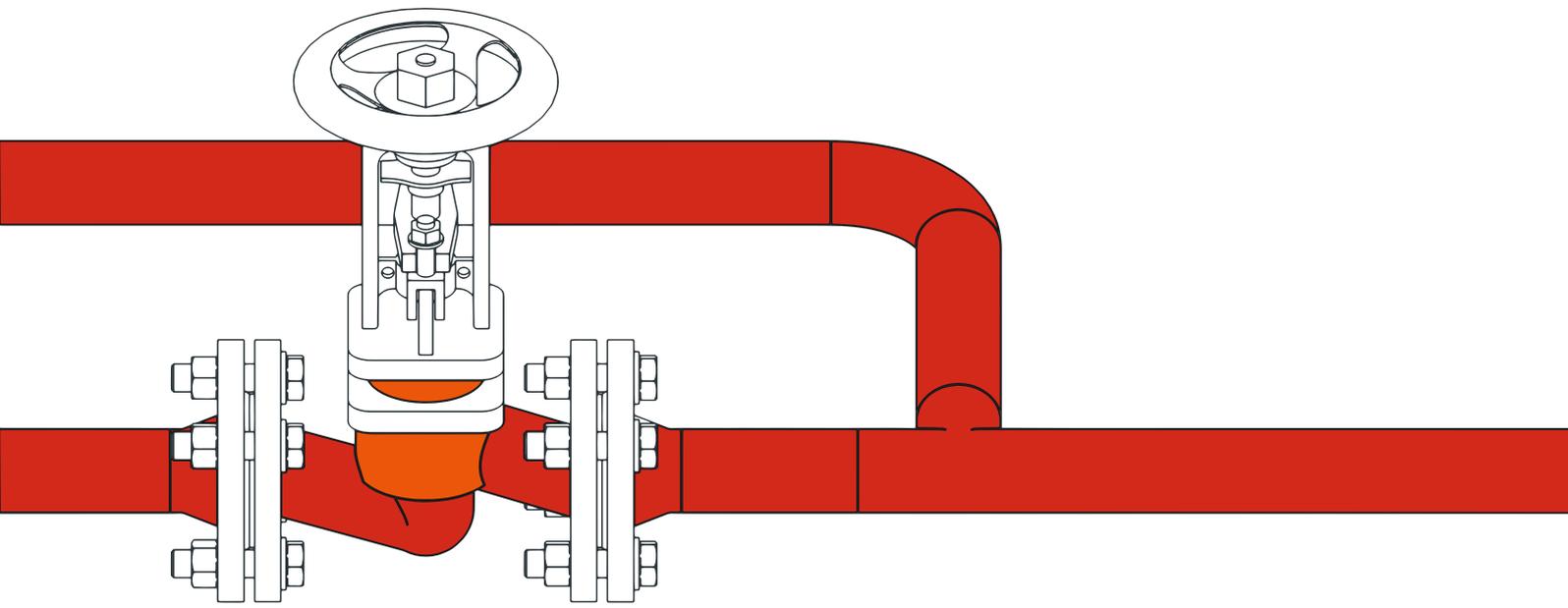


About Company

MPS Fire Engineering is a premier fire safety solutions provider in India, specializing in comprehensive fire protection systems and services designed to meet the safety needs of diverse industries. Established to offer a wide range of top-notch fire safety solutions, MPS Fire Engineering brings years of experience in the design, supply, installation, and maintenance of fire safety equipment, as well as providing tailored solutions for fire prevention, suppression, and detection.

Our commitment to customer satisfaction, safety, and innovation has helped us establish a loyal clientele across various sectors, including industrial, commercial, and residential markets. We pride ourselves on delivering products and services that adhere to the highest international standards, ensuring complete protection for our clients' assets and personnel.





Vision



To become India's leading fire safety solutions provider by delivering innovative, efficient, and reliable fire protection systems that ensure the safety of lives, properties, and businesses.

Mission



To provide high-quality fire safety products and services that exceed client expectations by leveraging the latest technology, expertise, and a customer-centric approach. We aim to be a trusted partner for fire safety in every industry.



Why Choose Us?

Expertise and Experience:

With decades of experience in the fire safety industry, we have developed the necessary expertise to provide tailor-made solutions for a wide range of sectors. Our team includes trained fire engineers, safety professionals, and technicians with years of hands-on experience.

Customized Solutions:

We understand that each client has unique needs, and we offer customized fire protection solutions that are specifically designed to meet those needs. Whether it's a small office, a large manufacturing plant, or a data center, we provide the right solutions for every facility.

Quality Assurance:

All our products are certified and manufactured in line with national and international standards. We use the latest technology and high-quality materials to ensure that every product we deliver is reliable and durable.

End-to-End Services:

We provide comprehensive services that cover the entire life cycle of fire safety systems, from initial consultation and system design to installation, maintenance, and refilling services.

Customer Satisfaction:

We are committed to providing excellent customer service. Our prompt response times, expert solutions, and proactive customer care ensure that our clients' fire safety needs are always met efficiently and effectively.

Compliance with Standards:

We follow all the relevant fire safety standards, including BIS, NFPA, and local safety regulations, ensuring that your facility remains compliant and safe.





Fire Detection, Alarm and Emergency Notification System

A key aspect of fire protection is to identify the developing fire as soon as possible so that you can alert the building's occupants and fire emergency organizations. This is where a fire detection and alarm system are most effective in protecting your organization.

A fire detection system is an alarm system that assesses and then responds to events reported by various fire detectors. Fire detection systems are permanently installed systems to detect fires at an early stage, warn those affected and quickly inform the relevant emergency service. To be useful, detectors must be coupled with alarms and a notification system.

These detectors are operated either manually or triggered automatically by heat, visible or invisible smoke, or flames. Only the detectors in the immediate vicinity of the fire are activated, sending a report to the fire detection control panel. The inclusion of a notification system will ensure that all required personnel are informed & aware when an incident occurs.





Fire & Specialized Extinguishers

Using the wrong extinguisher on a fire can prove fatal. With MPS, we save time in the face of dangerous fires. We offer a wide range of Portable & Trolley Mounted Fire Extinguishers [ABC Powder, Water & CO₂ based extinguishers] ready to fight large fires without any collateral damage. We are also able to provide a more portable solution in our designer series Home & Car Fire Extinguishers [ABC Powder & Clean Agent-based]

Quad - This system brings together the efficiency of a re-extinguisher with the power of a hydrant - without the drawbacks.

Standalone - this self-contained standalone lighting device is suitable for locations with no ready supply of compressed air and water.

Ceiling Mounted Extinguishers - They detect the rising temperature of the area and activate automatically to bring fire under control.

Fireball

The Fire Ball is a fire-extinguishing device with a lightweight foam plastic housing and an abrasion-resistant shell. Easy to use, it explodes automatically on contact with fire, activating its trigger within 3–10 seconds. Fire Ball is recommended for extinguishing and monitoring the following types of fire:

• **Class A** - Combustible Materials • **Class B** - Ammable Liquids • **Class C** - Ammable Gas

1. Total weight of the product: 1.5 + - 0.2 kg and activation time is 3 to 10 seconds.
2. Effectively extinguishes fires at a distance of up to 2 to 5 m².
3. No false alarms and it does not activate in the absence of fire
4. Product life is 5 years, during which time no inspection or maintenance is not required
5. No skills and training requirement due to automatic activation.
6. Does not pollute the environment (safe for humans)

Fire Hydrants and Sprinkler Systems

Our Hydrant systems are suitable for locations without compressed air or water supply.

The easy-to-use system includes an integrated pressure tank, a water storage unit and an optional foam supply unit. It can be safely used on electrically triggered fires and is compatible with electronic equipment.

This highly reliable firefighting solution eliminates the problem of concerns such as malfunctioning pipes and worn parts that affect traditional hose systems. While other hydrants run dry and other extinguishers stop working before all flames are extinguished, our hydrant system continues to work.





Total Flooding System and Ceiling Mounted

Our waterless HFC 227ea Flooding System is a revolutionary firefighting system. Designed and equipped to initiate firefighting within seconds of the fire being detected, this automated flooding system safeguards the entire area.

Also, due to HFC 227ea's green nature, this gas-based extinguishing agent ensures that the fire is put out without causing any collateral damage to the premises, expensive equipment, or the Earth.

ATOM - X is Pre Engineered Retrofittable fire Suppression System.





Water Mist and Spray Systems

Some of MPS's revolutionary fire suppression solutions use a water-mist technology system, enabling it to be used safely on electrical fires. With its massive cooling power and increased coverage area, water-mist kills even the largest of fires in minutes, rapidly bringing down the temperature to below combustible levels, and cutting off the oxygen supply completely.

100% green, Water-mist causes no damage to equipment or the Earth. Making it absolutely safe to use on electronics, sensitive equipment and above all else human lives.



Vehicle Suppression Systems

MPS offers a complete range of extinguishing systems for heavy vehicles and buses.

Fires in vehicles often take hold very quickly and are hard to extinguish with a handheld extinguisher. A correctly dimensioned extinguishing system offers you fast, effective protection that limits the consequences of a fire.

Our Vehicle fire suppression systems come in all recognized options, ranging from Forex, Powder and Water mist.





Electrical Panel Fire Suppression Systems

Our revolutionary Quick Response System combines ground-breaking technology with functional simplicity. Armed with a heat-sensing tube, this direct system is entirely self-activated, & requires no human intervention once it has been installed. In case of a fire, the heat-sensing tube bursts and releases the extinguishing agent stored inside directly onto the fire. This makes it especially beneficial for microenvironments where the fire hazard is likely to be in an enclosed space.

CLASSIFICATION: Works on class A, B, C fires and fires involving electrically-charged devices.

ELECTRONICS-FRIENDLY: Shown to be electrically non-conductive and is safe for electrically charged equipment.

24 HOUR PROTECTION: Shown to be electrically non-conductive and is safe for electrically charged equipment.

LOWER STORAGE REQUIREMENTS: Stored in cylinders as a liquid and pressurised with nitrogen; takes up to seven times less storage space than any system based on CO₂ and inert gases

EASY TO INSTALL: The Standard mounts make installation and maintenance very simple and easy.



Kitchen Fire Suppression Systems

The system uses a specially formulated, non-corrosive wet chemical extinguishing agent and a specially designed heat-sensing polymer tube to combat even the worst kitchen fires.

When a fire breaks out, the heat-sensing tube that runs under the kitchen hood detects the rise in temperature and bursts to let the pressurised wet chemical expel. The extinguishing agent is sprayed over the fire area, dousing the flames and bringing down the temperature to below combustion levels.



Transformer/Substation Generator Fire Protection Systems

As all round supplier of fire suppression systems, MPS offers custom fire detection and suppression systems for substations and transformers. Every fire safety solution offered by MPS is carefully reviewed based upon quality, durability, effectiveness, consequential damages, environment, personal safety, and costs.

For transformers and substations of high rated power and voltages (above 120 kV), it is recommended to provide a fire protection system that uses a water spray fixed system. These waters based and mist protection systems include fire pumps, water spray fixed system/nozzles, valves, specialized valve components, and piping. This, coupled with fire alarm detection system, will ensure that you and your high-powered critical equipment are safe and protected.

Electric Substations are considered especially high risk as they contain a number of the features that represent particular fire risks, including:

- The equipment in substations operates at relatively high energy levels
- Some substation equipment contains significant fuel loads
- Large cable banks contain significant masses of flammable material
- Substations are generally unattended





Custom Fire Protection

MPS modular systems are custom made, unique, suppression systems that are specially designed to defend and protect certain microenvironments and conditions unique to a company own specific requirements



Fire Fighting Installation Services.

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

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Content Required from Client



Thank you



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+91 8882795472, +91 7979075672



mukesh29613@gmail.com/ mpsfireengineering@gmail.com



1602/2, Khushi Vatika, Behta, Loni - Ghaziabad. (UP) 201102