



Rakshafire and Safety Private Limited



**Manufacturer &
Dealer of Various
Fire Protection and
Safety products**



ABOUT US

Rakshafire and safety private limited is striving to save lives and protect asserts/Premises, the origin of the Organization is from Bangalore and leading across India, We offer revolutionary lives saving products that conform to Domestic and global standards , We deal in Supplying and installations of all types of Fire Extinguishers , Fire Alarm System, Suppression System, Sprinkler and Hydrant systems for all Segments such as , School , College , Offices , Hospitals , Hotels , Factories and etc

As a Team we conduct a Fire Audit Survey (FAS) before Execution on the site by highly Certified Professionals in order to deliver the Perfect Fire Safety Measurements.

Our Standards and Certifications are stated below which helps us to provide a Quality Service to our CLIENTS

NBC (National Building Code of India) , NFPA (National Fire Protection Association) , EHS (Environment, Health, and Safety) , OHSAS (Occupational Health and Safety Assessment Series) , ISO (International Organization for Standardization)

ISI (Indian Standards Institute) EN (European Norms) , CE (Confirmative Europeans) UL (U n d e r w r i t e r s Laboratories)

Our Valuable Few Clients



FIRE ALARM SYSTEM

FIRE DETECTION & ALARM SYSTEM BASICS

The fire alarm system is designed to help in identifying fire, heat or smoke and to alert immediately the building's occupants for evacuation. There are two types of fire alarm systems. Conventional fire alarm system and addressable fire alarm.

CONVENTIONAL FIRE ALARM SYSTEM

The conventional fire alarm systems can be divided into multiple zones, this product is available from 2-zone to 32-zone, which uses conventional input devices. The panel accepts two-wire smoke detectors, pull stations and other normally open contact devices. Outputs include four Notification App or a call to defined contact numbers



ADDRESSABLE FIRE ALARM SYSTEM

The addressable fire alarm system, all the smoke, heat, MCP, Hooter and other devices are given an individual address name which are identified by the fire alarm panel. This helps in recognizing the exact location of fire even in a multi-storied building hence reducing the time required to locate the fire Circuits.

WIRELESS ADDRESABLE FIRE ALARM SYSTEM

The addressable fire alarm system, all the smoke, heat, MCP, Hooter and other devices are given an individual address name which are identified by the fire alarm panel. This helps in recognizing the exact location of fire even in a multi-storied building hence Reducing the time required to Locate the fire using Wireless Technology



FIRE HYDRANT AND SPRINKLER SYSTEMS

This is very effective extinguishing system suitable for various plants and high-rise buildings as well as commercial complexes. The system mainly consists of water storage reservoir (underground or aboveground), pump set, piping ring around the building and terminals inside the building, hydrant valves, hoses, branch pipes with nozzles and hose boxes. On the ring main, the hydrant stand posts are provided with hydrant valves.

The system is of two types one is wet riser and another dry riser. The wet riser system is automatic type and dry riser is of manually operable.

In case of fire, the hose can be connected to the hydrant valve with the nozzles at the outlet end and the pump can be started. For automatic operation of the pump the jockey pump is provided which normally pressurize the pipes and as soon as the valve is open, and pressure reduces the main pump starts automatically. With the help of pressure and ample water, the jet from the nozzles can be projected at the base of fire to extinguish completely and the fire can be doused accordingly



FIRE SUPPRESSION SYSTEMS

CO2 FIRE SUPPRESSION SYSTEMS

This CO2 fire extinguishing effect is achieved by displacing oxygen from the seat of the fire, causing it to suffocate. The gases' heat binding capability also plays its part. There are virtually no emission limits for argon when used as an extinguishing agent. It is heavier than air, which makes it an ideal extinguishing medium. Carbon dioxide (CO2) is a well-established extinguishing gas for protecting equipment and rooms such as telecommunications control centers, Switchgear and control systems, Storage facilities for hazardous materials Museums and archives, Laboratories, pump rooms and plant rooms.

KITCHEN FIRE EXTINGUISHING SYSTEMS

The Kitchen Fire Suppression System is designed to provide fire protection in hoods and ducts of cooking appliances for restaurants. The basic system consists of wet agent tank enclosed in a cylinder mounting box, Temperature Sensors, Heat sensing cable, Control panel, Nozzles, piping, & water storage tank (optional) etc. The system

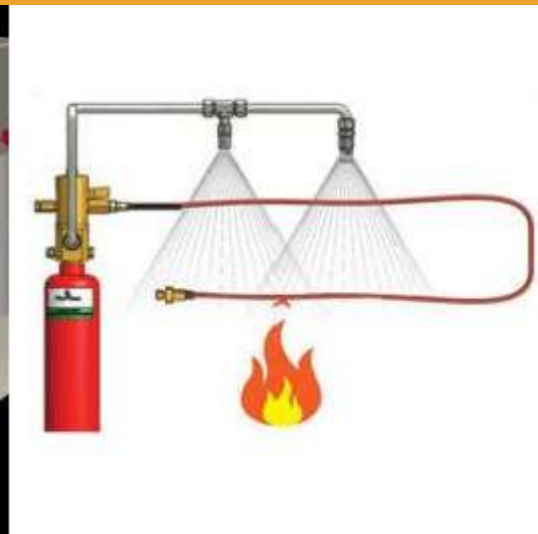
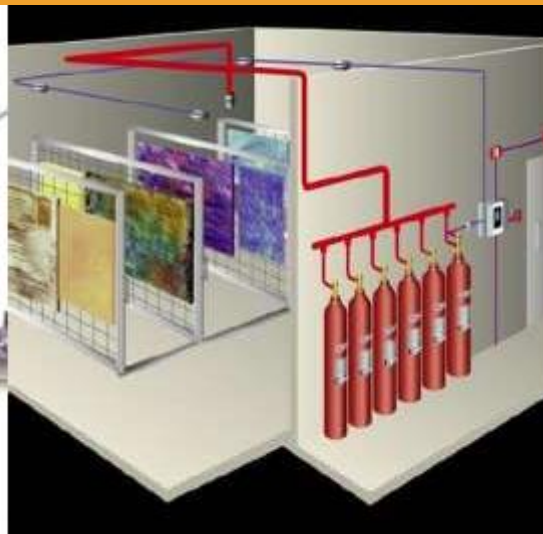


CLEAN AGENT FIRE EXTINGUISHING SYSTEMS

Novect1230, FM200/HFC 227 fluid is a low global warming potential Holon replacement for use as a gaseous fire suppression agent. It is generally used in situations where water from a fire sprinkler would damage expensive equipment or where water-based fire protection is impractical, such as museums, server rooms, banks, clean rooms and hospitals.

AUTOMATIC TUBE SYSTEMS

Unattended small short circuits are the main cause of major fires, fire in server racks or electrical panels. This automatic tube system is a very simple but most effective solution to fight small fires or short circuits. It is suitable for server racks, electrical panel and machineries.



All together here we stand

1. We are specialist in undertaking all kinds of fire protection Projects .
2. Our Qualified team assists in getting fire Clearance / Compliance / NOC and NABH accreditation by following the Government norms.
3. We are committed in proving our fire safety solutions to our clients In-order to serve the purpose of fighting fire practically.
4. End to end offerings makes us 360 degree. One stop solutions.
5. Quality that stands endorsed towards the Standards & Certification.



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