



FIRE SOLUTIONS PVT. LTD.

ENGINEERING, FIRE AND LIFE SAFETY TO
**KEEP YOUR
WORKPLACE
AND
HOME** | **SAFE**



Licensed Agency from Maharashtra Fire Services



ACRO **FIRE** PRODUCTS & SERVICES

FIRE SAFETY PLAN DESIGN

Do you have a proper fire safety plan or fire emergency plan in place? Do all of your employees and management know what to do in the event of an emergency? Having a proper emergency plan in place not only saves lives, but can help mitigate property damage.

Acro Fire Solutions offers respective and professional fire and safety plans. Property managers, land lords, contractors, developers and building owners rely on our customized fire and safety plans to deliver safety assurance.

Our technicians will work closely with authorities to develop a professional emergency plan that is tailored to your building and environment.

Aspects of a fire safety plan include:

- Care & Hospital Facilities
- Town House, Low, Mid & High-rise Complexes
- Commercial buildings (offices, retails and warehouses)
- Recreational buildings (gyms, pools, ice rinks, etc.)

A fire hydrant is an above-ground connection that provides access to a water supply for the purpose of fighting fires. The water supply may be pressurized, as in the case of hydrants connected to water mains buried in the street, or unpressurized, as in the case of hydrants connected to nearby ponds or cisterns. Every hydrant has one or more outlets to which a fire hose may be connected. If the water supply is pressurized, the hydrant will also have one or more valves to regulate the water flow. In order to provide sufficient water for firefighting, hydrants are sized to provide a minimum flowrate of about 250 gallons per minute (945 litres per minute), although most hydrants can provide much more.

HYDRANT SYSTEM



OUR CORE SPECIALITY IS COMPLETE TURNKEY SOLUTION FOR FIRE HYDRANT SYSTEM

FIRE SPRINKLER SYSTEM

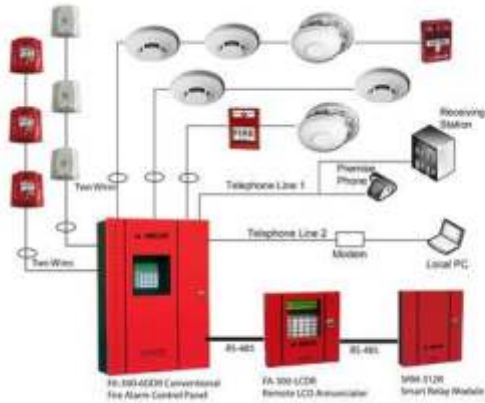


It's amazing how quickly a fire can spread. A prepared sprinkler system can help slow a fire's progress as well as help reduce damage.

A quick response from well-maintained sprinkler systems can slow a fire's progress until help arrives. We deliver knowhow and care to your sprinkler systems to help you keep your systems ready in the event of a fire emergency.

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FIRE ALARM SYSTEM



Fire Alarm System is designed to alert us to an emergency so that we can take action to protect ourselves, staff and the general public.

Fire alarms are found in Offices, Factories, and public buildings, they are a part of our everyday routine but are often overlooked until there is an emergency at which point, they might just save our lives.

Whatever the method of detection is, if the alarm is triggered, sounders will operate to warn people in the building that there may be a fire and to evacuate.

PASSIVE PROTECTION SYSTEM

Passive fire protection system breaks the building into “compartments” and prevents the spread of fire through the use of fire-resistance rated walls and floors. It utilizes fire doors to help further compartmentalize the structure and dampers to prevent the spread of fire and smoke throughout the ducts of the building. Another common protection element in buildings with multiple floors is photoluminescent path markers. These markers aid in the evacuation process by lighting the way through dark or smoky stairwells.



FIRE SUPPRESSION SYSTEM



Fire suppression systems can help protect your most sensitive and valuable assets. When it comes to your sensitive electrical, manufacturing and cooking equipment, it's important to have the correct type of suppression system installed to help extinguish a fire quickly and limit damage.

Of course it's not enough to simply have a suppression system installed. The system has to be properly maintained and it is up to you to make sure it is up to code. That's where we experience in testing and inspection come in. We're truly passionate about helping you keep your systems ready and compliant with fire codes.

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ANNUAL MAINTENANCE CONTRACT (AMC)

Consistent Fire Alarm System Service helps you stay compliant. Often times, periodic servicing is required and your local Authority could be fine you for non-compliance if you don't follow fire safety guidelines.

Insurance coverage eligibility. Many insurance companies may not cover damages caused by fire unless a company has documented that periodic checks and maintenance have been performed on their fire safety systems helps keep your equipment ready. Most fire sprinklers require periodic testing and service to continue functioning properly Promotes safety.

Having your fire Hydrant systems properly serviced and functioning can help save property and lives during a fire.

FIRE SAFETY AUDIT

A Fire Safety Audit is an examination of your business, commercial or residential building premises and relevant documents by fire safety inspectors, to ascertain how your premises are being managed with regards to fire safety.

Below points are covered under Fire Safety Audit:

- A fire risk assessment
- Action plans – if any significant findings were uncovered from the fire risk assessment
- A document detailing what your protocol is for emergency evacuation
- Preventative measures to avoid fires in your premises
- Fire drill records
- Record from staff fire training
- Fire safety maintenance checklist
- A list of dangerous substances in the premises
- Proof that the following have been tested: fire detection and warning systems; emergency lighting; sprinkler system; ventilation system; firefighting equipment; electrical wiring in the building; and portable appliances.



FIRE DRILL

A fire drill is a method of practicing how a building would be evacuated in the event of a fire or other emergencies.

In most cases, the building's existing fire alarm system is activated and the building is evacuated as if the emergency had occurred. Generally, the evacuation is timed to ensure that it is fast enough, and problems with the emergency system or evacuation procedures are identified to be remedied.

In addition to fire drills, most buildings have their fire alarm systems checked on a regular basis to ensure that the system is working and that people in the building are familiar with the sound of the fire alarm whilst they are at work. Fire alarm tests are often done on a weekly basis and in schools they are often done during a time when students and staff aren't around or during the holidays where specialist fire alarm engineers will test the alarms in the building and repair or upgrade the system if needed.



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FIRE EXTINGUISHERS

Fire extinguisher, portable or movable apparatus used to put out a small fire by directing onto it a substance that cools the burning material, deprives the flame of oxygen, or interferes with the chemical reactions occurring in the flame.

A fire extinguisher is an absolute necessity in any home or office. While there's a good chance that the extinguisher will sit on the wall for years, collecting dust, it could end up saving your property and even your life.



SURVEILLANCE SYSTEM



A good video surveillance system is important for almost any business. After all, it's difficult to be profitable if you can't protect your assets. It is required to prevent crimes can quickly solve criminal cases with material evidence. In addition, surveillance cameras protect against property theft, and vandalism. Criminals are less likely to commit crimes in the area if they know they're going to be being filmed the whole time.

We provides high quality and reliable surveillance system installation at home, office, factory, public places, etc.

REFILLING OF ALL TYPES OF FIRE EXTINGUISHER

Nearly all Fire Extinguishers are subject to Refilling, Maintenance or Testing yearly, every 3 years or 5 years. Fire Extinguishers are needed to be refilled once it is used, or when warranty of the content is expired or when the cylinder is required to be hydraulically tested viz., 3 or 5 years depending on the type of the fire extinguishers and asper the governing law for the same.

We provide Inspection, Refilling, Maintenance and Hydraulic/Hydrostatic Pressure Testing of all types of fire extinguishers.



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 PPE-PERSONAL PROTECTION EQUIPMENT

Personal protective equipment (PPE) is clothing or equipment designed to be worn by someone to protect them from the risk of injury or illness. PPE can include:

- Hearing protective devices, such as ear muffs and ear plugs
- Respiratory protective equipment
- Eye and face protection, such as safety glasses and face shields
- Safety helmets
- Fall arrest harnesses for working at heights
- Skin protection, such as gloves, gauntlets and sunscreen
- Clothing, such as high visibility vests, life jackets and coveralls
- Footwear, such as safety boots and rubber boots.



FIRE EQUIPMENT SPARE PARTS

WE PROVIDE ALL SPARE PARTS OF ALL TYPE OF FIRE EQUIPMENT WHICH INCLUDES:



- Fire Extinguishers
- Fire Alarm System
- Hydrant System
- Sprinkler System
- CCTV Surveillance System
- Fire Suppression System





TRAINED AND CERTIFIED

EMERGENCY RESPONSE TEAM/ FIRE MARSHAL

WE SERVE TO SAVE

Being the fire marshall requires organisation, a calm and composed mindset and leadership. To help future fire marshals we have put together a list of responsibilities and duties that a fire marshal must face daily. We have also listed what is required of the fire marshal should a call to arms be raised and emergency occur.

Daily Responsibilities of the Fire Marshal

Day to day the fire marshall has responsibilities to make sure the working environment is safe in case of a fire.

They must check that:

- Fire Doors and Fire Exits are closed, clear, unlocked and ready for use.
- All escape routes are safe, unblocked and clear.
- Fire extinguishers are sealed and in the correct locations.
- There are fire safety signs clearly in position
- Fire alarms are clear and unobstructed.
- Faulty emergency lighting must be reported.
- All weekly fire alarm tests should be reported if faulty.
- All persons with disabilities are facilitated in the event of an evacuation

Fire Marshal's Responsibility in the Event of an Emergency

In the event of an emergency it is time for the fire marshal to take charge.

Follow these procedures and keep your colleagues safe, but remember to evaluate your site specific procedures for variations before doing so.

- Upon hearing the fire alarm:
- Should you have a Fire Marshal Kit, open it and grab your kit.
- Start the evacuation of your site.
- Check using that your site is empty and everyone has left.
- Ensure everyone who is struggling to leave the area is assisted and taken out.
- Head to the fire assembly area.
- Take a register of your colleagues.
- Gather information from colleagues and other fire marshals.
- Is everyone accounted for?
- Where is the fire?
- What started the fire?
- Anything else of relevance to the fire service
- Report the information to the fire officer in charge.





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