

## SERVICES OFFERED

- » Design & Consultancy
- » Fire Fighting Systems
- » Sprinkler Systems
- » Fire Detection & Alarm Systems
- » Electronic Security Systems
- » Gas Based Suppression System
- » Public Health Engineering & Utility Services
- » Annual Maintenance Contract (AMC)
- » Fire Extinguisher & Signages



Design & Consultancy

Supply & Installation  
of Fire Hydrant,

Sprinkler / Detection Alarm

Electronic Security System

Gas Based  
Suppression System

AMC of all fire  
Fighting  
Systems

## VISION FIRE & SAFETY ENGINEERING

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Opp. New Indian Oil Petrol Pump, Mira Road (E). Thane - 401 107.

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

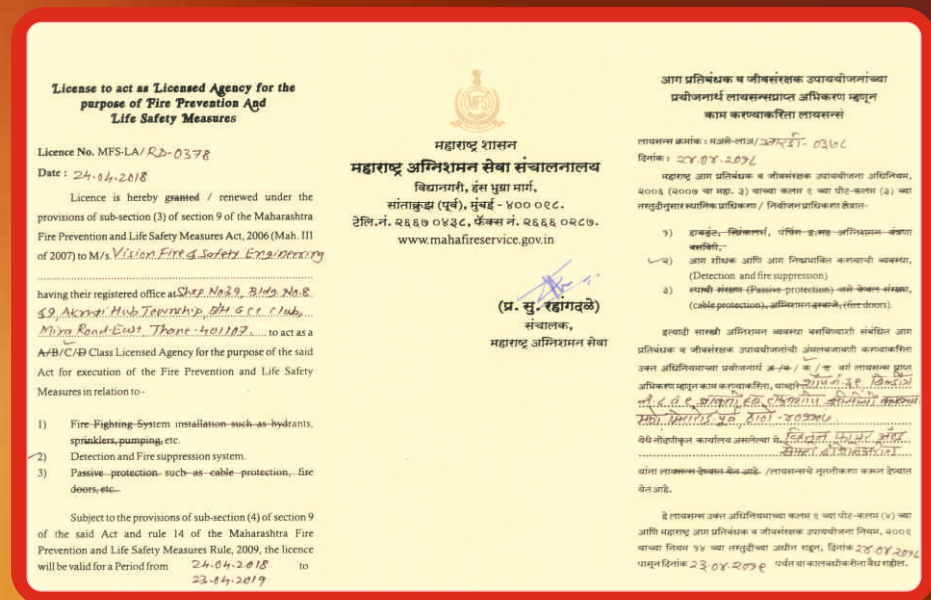
## VISION FIRE & SAFETY ENGINEERING

Govt. Licence Agency  
License No. : MFS-LA/RF-0432, MFS-LA/RD-378  
AN ISO Certified Company

## Who We Are

We have great pleasure to introduce ourselves, as a one of the Reputed Agency in the field of Fire prevention & Fire protection, since 2012, having a team of well qualified and experienced Engineers, specially trained for Execution, Training and Annual maintenance of fire fighting installation systems. We have successfully carried out a number of such assignments, and we are proud to state that, All of our clients are satisfied and always feel safe with us.

As per the provisions Section-10 of 'Maharashtra Fire Prevention & Life safety Measures Act – 2006', The Director, Maharashtra Fire services, Government of Maharashtra, has declared us as a "CERTIFIED LICENSED AGENCY" for the purposes of Designing, Commissioning, Installation, and Testing of all types water base fire protection system such as fire hydrant-monitor system, sprinkler system, installation of pumping arrangements, manual/automatic fire alarm. We shall be glad to associate with your esteemed organization in any of your effort to implement safe working/ living atmosphere in your company/ Society. We are sure that we will be able to contribute significantly in achieving 'Zero Accident'.



# “Expertise With Responsibility”

Assuring you our best co-operation & speedy service all the time.

## From The Leader’s Desk



### CLASSO FERNANDES

Advance Diploma in Fire Engineering (NFSC)  
Diploma in Industrial Safety

Vision Fire & Safety Engineering is a fullfledge Company for protection from fire providing consultancy for designing, services for supply and installation, maintenance, monitoring and retrofit of active fire fighting system also provide trained manpower if required. As a dedicated fire protection professional of 23 years of experience as an Ex-Chief Fire Officer in a regular fire services .We are committed to life safety and property. We provide the highest quality services through unparalleled customer support & technical knowledge.



### SUJIT S DARGE

Diploma in Fire Engineering

We provide practical guidance to assist companies in finding the right Fire engineering solutions for buildings. Ensuring acceptable solutions are provided to our clients which reflect the requirements of current health, safety and environmental legislation. We pride ourselves in the delivery of successful projects. We aspire to reach our goal through the application of best practices and the deployment of skilled professionals who provide strong, independent advice and solutions tailored specifically to client objectives.

### Vision

We Vision Fire & Safety Engineering Co. Constantly expand the boundaries of its highest services in the fire protection industries with a commitment to customer satisfaction. Our team of talented professionals and skilled workers will facilitate the success of every project that we undertake, with good international practices, quality and safety.

### Mission

We Vision Fire & Safety Engineering Co. delivers the proficient performance, with a blend of multi disciplinary engineering thereby satisfying the desires of customers and continually striving for excellence in the service we provide. Our mission is to lead by example through a commitment that empowers the organization at every level to strive for the highest levels of HSE & Quality where the employees find an exceptional place to work with.

### Values

Integrity, Trust, Quality

www.visionfire.in







### Consultancy

As a service to our clients, we offer a full range of consultancy services including preliminary budgeting, planning, design and engineering coordination, value engineering, long lead item procurement and scheduling. Many clients recognize the value of having their contractor on board as early as possible to have access to critical information which leads to more effective decision making which in turn guarantees a successful end result.



### Engineering

Engineering services include design & hydraulic calculations



### Procurement

Through longstanding global alliances and networks



### Training Program

- Risk Management & Identifying Fire Hazards.
- Basic Fire Prevention & Fire Fighting.
- Induction Training On Basic Fire Fighting.
- Evacuation Mock Drill.
- Hydrant Operation & Rescue Techniques.
- Electrical emergency Preparedness.
- Fire Safety for Electrical Fires.



### Mechanical Systems

#### Fire Hydrant Systems

Design, Supply and Installation of Fire Pump House, Fire Hydrant Stand Post, Water and Foam Monitors, Foam Chambers, Dry and Wet Risers, Hose Reels



#### Fire Diesel Pumps

We are instrumental in offering our clients Fire Diesel Pumps, which is sturdy in construction and easy to maintain. The controller monitors, displays and records fire pump system information, thus is highly recommended by the clients worldwide. Further, these Fire Diesel Pumps are reckoned for long functional life and wear & tear resistance these are in compliance with international quality standards.

#### Fire Electrical Pumps

We are instrumental in offering our clients Fire Electrical Pumps, which is sturdy in construction and easy to maintain. The controller monitors, displays and records fire pump system information, thus is highly recommended by the clients worldwide. Further, these Fire Electrical Pumps are reckoned for long functional life and wear & tear resistance these are in compliance with international quality standards.







### Water Based Fire Fighting System

- MVWS Spray System
- HVWS Spray System,
- Sprinkler System
- Water Curtain System
- Water Mist  
(Low Pressure & High Pressure System)
- Dry Preaction Sprinkler Systems
- Fire Drencher Systems



### Sprinkler System

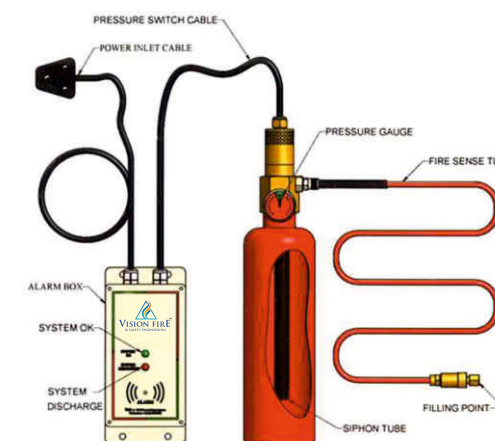
- Medium & High velocity water spray systems for Commercial & Industrial Projects.
- Emulsifier Systems for transformers.
- Sprinkler systems for residential, Commercial, & industrial projects.



### Gased Based Fire Suppression System

Reliable, Fast, Effective Carbon dioxide or CO<sub>2</sub> is a colorless, odorless, electrically non-conductive gas that is highly efficient as a fire suppression agent. Carbon Dioxide fire protection systems use intelligent, reliable and fast-acting control panels to quickly sense a fire before it can cause damage to property. Carbon dioxide gas has a high rate of expansion, which allows a CO<sub>2</sub> fire protection system to work fast.

**Novec 1230 based Fire Suppression Systems**  
**IG541 / Inert Gas Based Fire Suppression Systems**  
**FM-200 based Fire Suppression Systems**  
**Carbon Dioxide Based Fire Suppression Systems**  
**Wet Chemical Based Kitchen Fire Suppression System**  
**Vehicle Fire Suppression System**



### Automatic Fire Suppression System System Configuration

- Fire Sense Tube for Detection.
- Fire Extinguisher Cylinder with Automatic
- Valve Assembly.
- Clean Agent Fire Fighting Gas.
- Control Panel.
- Audio Alarm.
- Pressure Switch.





## Electronic Systems

### Integrated Building management System.

HVAC Controls, Lighting Controls, Pump Management, Scheduling, & a Host of third party integrations for Fire Detection, Access & Intrusion, PAC, UPS, Video Surveillance, Energy Management, Elevator Control, & other intelligent devices / systems.



### Fire Detection & Alarm Systems

- Smoke, Flame and Gas Detection Systems
- Beam Detector Systems
- Conventional and Addressable Fire Alarm Systems
- Fire Alarm Control Panels
- Hybrid fire alarm system
- Heat sensing cables



### Public Address & Voice Alarm System

We facilitate public address system to commercial segment which helps in reinforcing sound. These user-friendly systems are easy to install, operate and maintain, and are offered with comprehensive warranties and after sale services. Further, these systems are highly appreciated by our clients for crystal clear sound and high durability. Available in various sizes, these can also be custom made as per the client's specific requirements.

### Video Surveillance Systems.

- DVR based Analogue Systems
- IP based system

### Rodent Repellent System

- Digital Systems
- Non Digital Conventional System

### Water Leak Detection Systems.

- Digital Addressable Systems
- Non Digital Conventional Systems

### Air Sampling Based High Sensitivity Smoke Detection Systems

### Access Control & Intrusion Detection Systems



### Fire Safety Signages







## Public Health Engineering Management

### Plumbing & Sanitation

- Drainage / Storm Water, Rain Water Systems,
- Submersible Sewage & Sewage Pumps.
- Water Supply System, Pumps (Hydro-Pneumatic System, Transfer Pumps)

### Rain Water Harvesting

### Hot Water System

- Solar Heating System
- Boiler, Calorifiers, Plate Heat Exchanger
- Heat Pumps

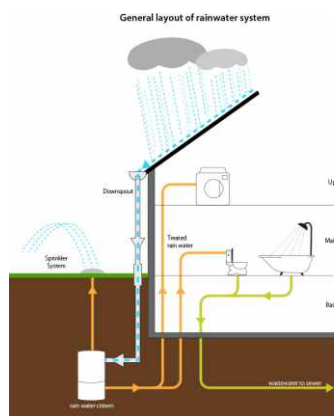
### Utility Services

- Boilers & Steam Piping
- Compressed Air Piping
- Gas Piping

### Water Treatment Plant

### Sewage Treatment Plant

### Swimming Pool Filtration Plants



## Annual Maintenance Contract (AMC)

### General Fire Engineering & Fire Surveys & Audits

Design & consultancy of fire protection System as per NBC, NFPA & other relevant standards.

### Annual Maintenance Contract (AMC)

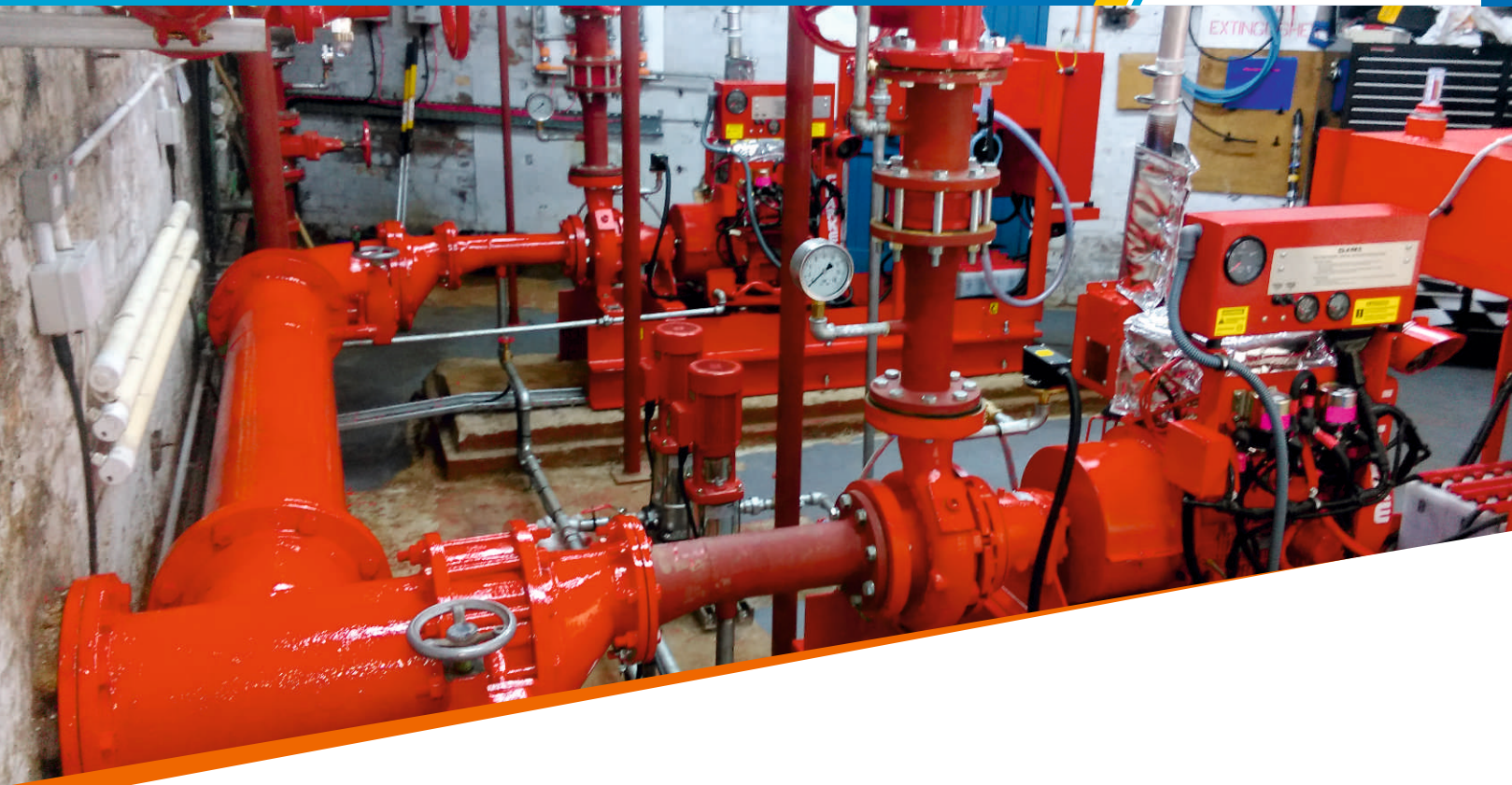
- Reduced risks of failure of equipment when the need arises-saving your investments and your business.
- Extended life from your equipment due to preventive maintenance visits.
- Compliance with local fire office and insurance company requirements.

We offer a single maintenance contract for all the fire safety equipments! systems installed in your premises portable fire extinguishers, Automatic Fire Alarm Systems, Water based Fire fighting system, Gas based automatic flooding systems, Emergency lighting, Emergency Evacuation signages etc.

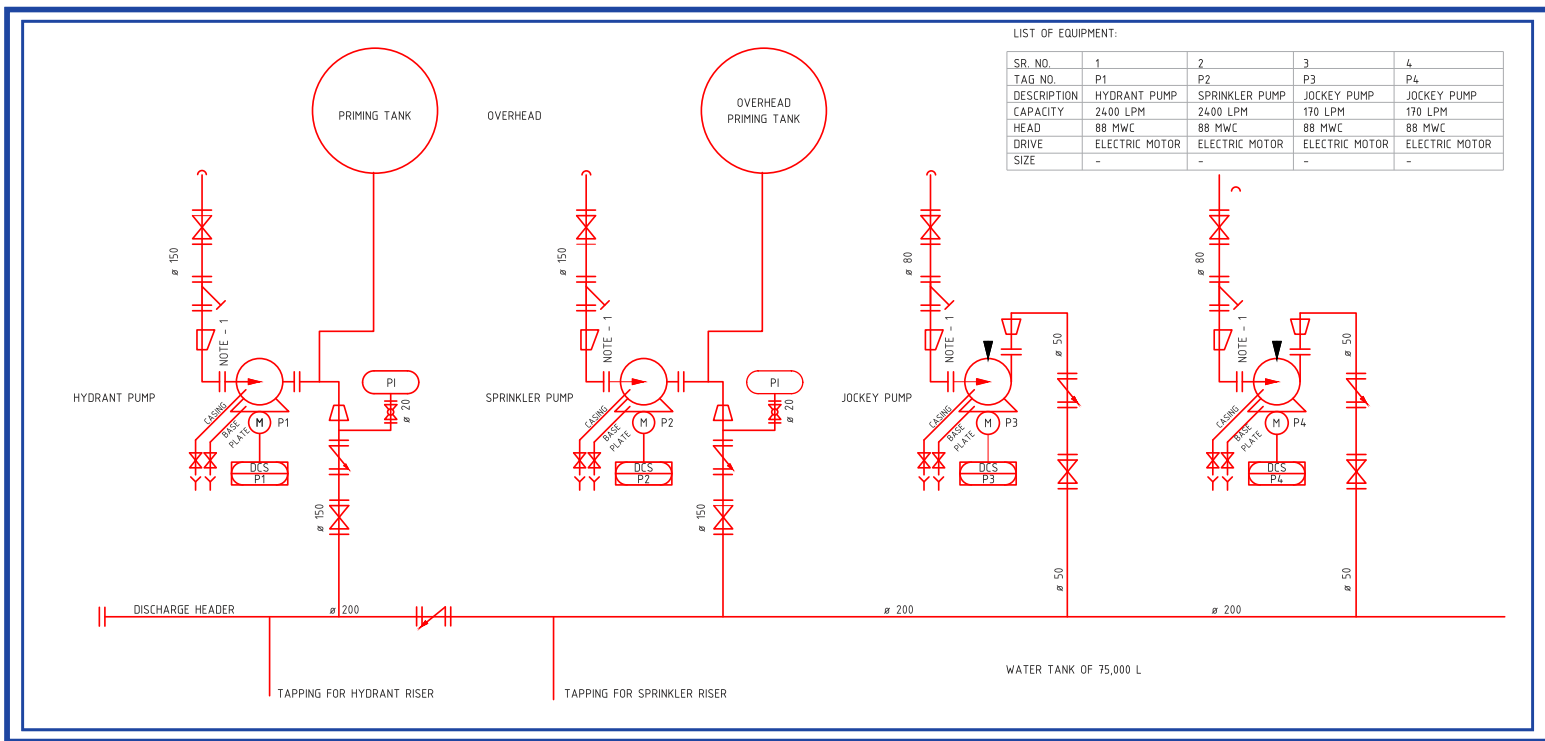
**Maintenance :** Maintenance We undertake maintenance of all type of fire protection systems.

- Fire Hydrants
- Fire Pump House
- Fire Extinguishers
- Fire Alarm And Detection Systems

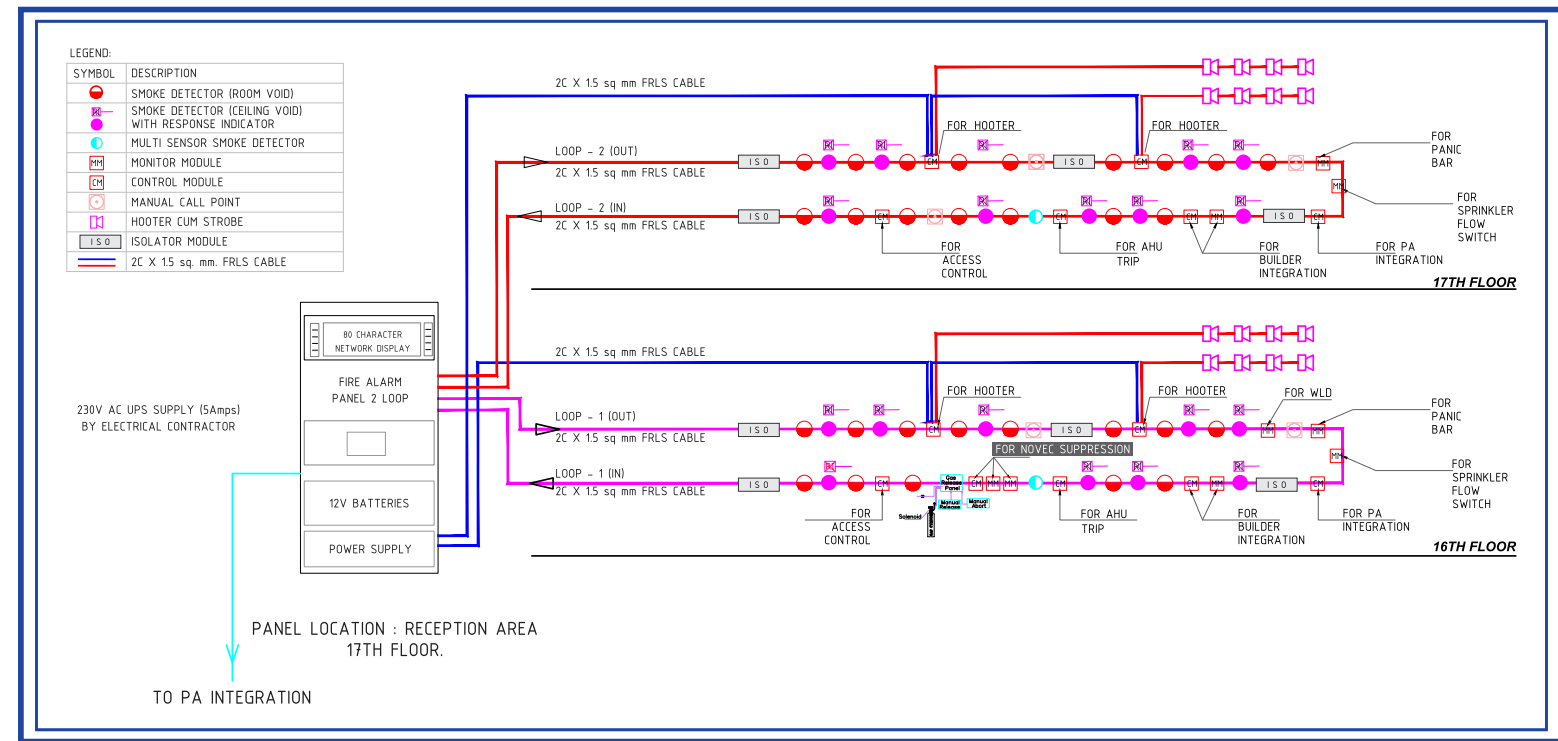




Schematic Diagram Of Pump House



Schematic For Fire Alarm Systems







### Type Of Fire Extinguisher



Dry Chemical Powder  
A.B.C. Type Fire Extinguisher  
(Stored pressure type)



Carbon Dioxide Fire  
Extinguisher for "B" & "C"  
Class of Fire



Water Type Fire  
Extinguisher



Mechanical Foam type  
Fire extinguisher



Dry Powder Type Fire  
Extinguisher  
(Available in cartridge type)



Trolley Mounted Fire  
Extinguisher B.C. Type



Trolley Mounted Mechanical  
Foam Fire Extinguisher



Trolley Mounted water type  
Fire Extinguisher

We Supply & Install Our Own Brand :



All Products Are Certified :



ABC Modular Fire  
Extinguisher



Carbon dioxide Gas Cartridge



Aluminum Hose Reel Drum



Hose Reel Drum  
Riser Mounted



Wall Mounted



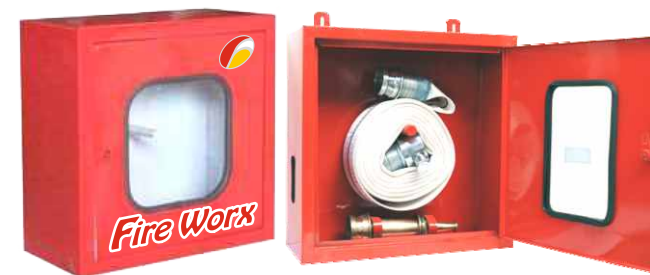
S TYPE



Fire Worx RRL HOSE



Thermoplastic Fire Hoses



Hose Boxes Single Door



Hose Boxes Double Door

We Supply & Install Our Own Brand :



All Products Are Certified :





### Landing Valve (TYPE A)



Gun Metal



Stainless Steel

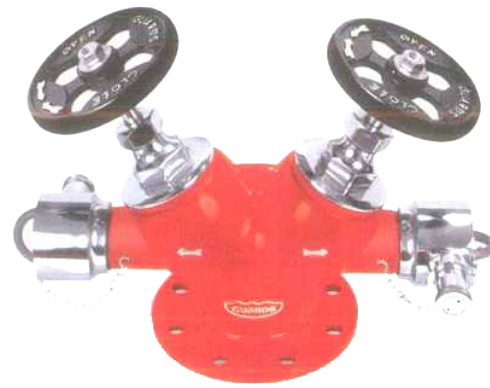


Aluminum

### Landing Valve (TYPE B)



Gun Metal



Stainless Steel

### Fire Bucket



- Capacity : 9 Ltr.
- Construction : Manufactured off galvanized mild steel
- Anti Corrosives : Painted two coat outside & inside
- Accessories : Fire Bucket stand

### Couplings




Gun Metal



Stainless Steel



Aluminum

We Supply & Install Our Own Brand : 

All Products Are Certified :



### Two Way Inlet Breeching



Two way Fire Brigade Intel with, 2 Nos. Spring Loaded NRV And Rubber Cap with Chain

- 1) Body Cast Iron to IS:210 Gr. FG 200.
- 2) Non return valve : Gunmetal LTB-2 or Stainless steel.
- 3) Inlet : 100 mm NB Flanged inlet.
- 4) Flange size : PCD-180 mm, OD-220 mm, ID-100 mm.
- 5) No. of hole : 04 Nos. Dia of Hole : 19 mm.

### Four Way Inlet Breeching

Four way Fire Brigade Intel with, 4 Nos. Spring Loaded NRV And Rubber Cap with Chain

- 1) Body Cast Iron to IS:210 Gr. FG 200.
- 2) Non return valve : Gunmetal LTB-2 or Stainless steel.
- 3) Inlet : 150 mm NB Flanged inlet.
- 4) Flange size : PCD-242 mm, OD-280 mm, ID-150 mm.
- 5) No. of hole : 08 Nos. Dia of Hole : 19 mm.



### Branch Pipes




Gun Metal



Stainless Steel



Aluminum

We Supply & Install Our Own Brand : 

All Products Are Certified :







Pendent Sprinkler



Upright Sprinkler



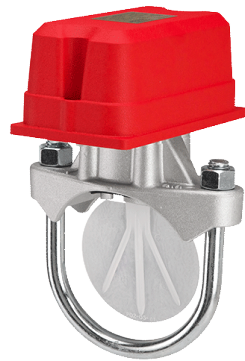
Side Wall Sprinkler



Concealed Sprinkler



Air Release Valve



Flow Switch  
Peddle Type



Drencher Nozzles



Pressure Switch



Ball Valve



Deluge Valve



Sprinkler Alarm Valve

We Supply & Install Our Own Brand :



All Products Are Certified :



## QUALITY POLICY

We, the management of **Vision Fire and Safety Engineering** are committed to assure our customers that all our products and services in the field of fire engineering and contracting shall meet the customer's requirements consistently with Quality. We shall continually take efforts to implement Quality Management System ISO-9001:2015 International Standard in our organization. We shall monitor measure and continually improve our services and business model to suit the QMS requirements. We are committed to take every effort to achieve our quality objective consistently with the Quality policy along with the applicable regulatory requirements and any review and changes would be communicated at all levels in the organization.

## OHSAS POLICY

Up-to date with the company's policy to construct high performance teams and support the employees plant & equipments with safe and harmonious working environment **Vision Fire & Safety Engineering** is committed to implement ISO-45001:2018 OSHAS management system International standard in our organization and also ensure the objective of zero accidents in its operations. Ensure the continual improvement in all activities & monitor HSE performance. Comply with applicable local HSE Legislations and pollution prevention. Provide the required and relevant information and training to employees on health safety and environment protection measures. Create conditions for increased productivity by eliminating accident potentials thereby continually improving the system. Identify the root causes on safety & health risks involved in all our activities and take corrective measures.





### Our Strength

#### Tools, Tackles & Machinery

| Sr. No. | Description                  | Qty, / No. |
|---------|------------------------------|------------|
| 1       | Welding Rectifier            | 10         |
| 2       | Welding Inverter Machine     | 50         |
| 3       | Grinding Machine             | 50         |
| 4       | Chopsaw Cutting Machine      | 30         |
| 5       | Gas Cutting Machine Set      | 10         |
| 6       | Chain Pully Block 1/2/3/5 MT | 10         |
| 7       | Motorized Hydro Test Pump    | 5          |
| 8       | Scaffolding Set              | 10         |
| 9       | Drill Machine                | 30         |
| 10      | Tool Set                     | 30         |
| 11      | Core Cutting Machine         | 2          |

#### Team On Field

|                           |    |                     |    |
|---------------------------|----|---------------------|----|
| Operation Head            | 1  | Safety Manager      | 1  |
| Business Development Head | 1  | Safety Officer      | 6  |
| Design Enginner           | 1  | Fabricator          | 2  |
| Autocad Draftsman         | 1  | Fitters             | 20 |
| Project Manager           | 1  | Welders             | 25 |
| Quality Manager           | 1  | Rigger              | 15 |
| Project Co-ordinators     | 1  | Helpers             | 40 |
| Site In Charge            | 2  | Electrician         | 5  |
| Site Supervisor           | 14 | Electrician Helpers | 7  |

### Our Team

#### Sachin Raut

Diploma In Autocad And Draftsman  
Head - Design & Operation  
Exp. : 15 years

#### Sachin Bobade

Diploma In Mechanical  
Diploma In Autocad  
Head - Business Development & Projects  
Exp. : 18 years

#### Ashish Bhagyawant

BE Mechanical NDT Level II  
Quality Manager  
Exp. : 8 years

#### Nitin Naik

Safety & HSE Manager  
Exp. : 10 years

#### Jolin Fernandes

Diploma In Fire Prevention  
AMC Manager  
Exp. : 5 years

#### Parag Mayekar

Project Co-Ordinator  
Exp. : 10 years

#### Kesab Baral

Site Incharge  
Exp. : 20 years

#### Avinash Pathak

BE Mechanical  
Site Engineer  
Exp. : 2 years

#### Rahul Gupta

AMC Executive  
Exp. : 4 years

#### Mehul Shah

Site Supervisor  
Exp. : 5 years

#### Ronald Dias

Site Supervisor  
Exp. : 4 years

#### Sachin Patil

Site Supervisor  
Exp. : 8 years

#### Rajesh Upadhyay

Site Supervisor  
Exp. : 5 years

#### Chintan Dalvi

Store Incharge  
Exp. : 4 years

#### Rashmi Bhosale

Accounts & Admin Manager  
Exp. : 12 years

#### Janice Correia

H R Executive  
Exp. : 2 years

#### Mahavir Rajpurohit

Admin Manager  
Exp. : 8 years

#### Darshana Patil

Purchase Manager  
Exp. : 12 years

#### Sadhana Dange

Accounts Asst. Manager  
Exp. : 4 years

### Some of Our Client



**DELTA**  
REALTY

**SKD**  
REALTY



**NIL**  
Reputation built on trust



**HIKVISION**



**RASSAZ GROUP**



**NARAYANA**  
EDUCATIONAL INSTITUTIONS





## Segment We Served



Automobiles Industrial Plants



Oil & Gas Sectors



Manufacturing Unit



Corporate Office



IT Sector



Data Collection Center



Shopping Mall



Showroom



Warehouse



Residential & Commercial



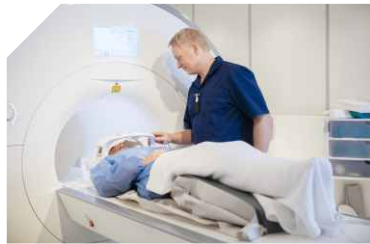
Banks



Financial Institute



Hospital



Health Care



Pharmaceutical Industry



Hospitality



Hotel



Media & Entertainment



Industrial Estate



Super Market

## Fire Safety Demonstration

