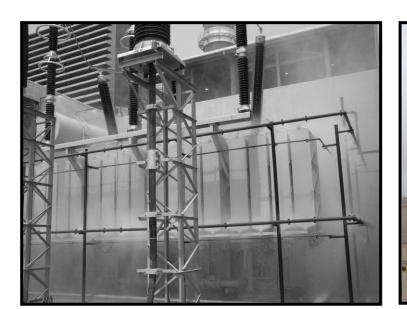
**HVWS - TRANSFORMER PROTECTION SYSTEM** 

FOAM SYSTEM



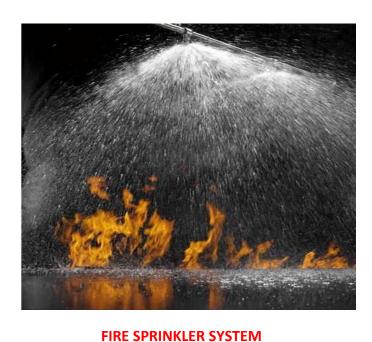
**COMPANY PROFILE** 



FIRE PUMP ROOM ARRANGEMENT

# **FIRE ENGINEERS**

Regd. Office: #6, Trident Residency,1<sup>st</sup> Cross, Manorayanapalya, R.T. Nagar Post, Bengaluru-32. Email: mashkoor@safeguardfire.co.in safeguardfiresystem@gmail.com Mob: +919880821760











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- Company Profile
- EPC Capabilities
- Certifications ISO 9001:2015 Q.M.S
- Equipment/Material offered
- Quality Assurance / Quality Control
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- Major Clients/Consultants



# COMPANY PROFILE



#### WHO WE ARE?

**SAFEGUARD FIRE SYSTEMS** a leading Engineering, Procurement and Design company providing Turnkey solutions from concept to commissioning basis in fire engineering & security risk management for the systems mentioned below.

- Fire Protection Systems
- Fire Detection & Alarm System& Water Mist (FOG system)
- Security Systems, Public Addressable System
- BMS (Building Management System)
- Gas suppression Systems (Room & Panel Flooding)
- CCTV Systems
- Access Control Systems

Established by a group of technocrats with rich and wide expertise and experience in the above field office engineering systems, Safeguard has grown from humble beginnings into well-known company offering total custom-built turnkey solutions in fire protection & detection systems for varied industrial & commercial segments.

**Safeguard** is managed by a highly qualified management and houses excellent engineering skills, uncompromising quality control, sizeable project team and dedicated erection & commissioning team under one roof.

**Safeguard** has come a long way since its inception and made significant progress in the fire engineering industry **Safeguard** has implemented a Quality Management System as per ISO 9001:2015 Standard.



#### WHAT WE DO?

We do fire installation and it is custom designed and engineered to meet the specific requirements of the customers in compliance with both National – NBC, TAC, BIS, OSID and international standards – NFPA & FM Global. Safeguard is in constant touch with the world leaders in fire protection field to provide its clients with latest products and systems.

#### **SOLUTIONS PROVIDED FOR - SECTORS**

**Safeguard** has developed a strong reputation in the field of fire protection systems since its inceptions and has the credit of executing several Projects in India.

✓ POWER PLANTS ✓ PHARMACEUTICAL INDUSTRIES ✓ PETROCHEMICALS ✓ PAPER & PULP INDUSTRIES ✓ OIL & GAS ✓ TELECOMMUNICATION EXCHANGES ✓ REFINERIES ✓ IT PARKS ✓ STEEL PLANTS ✓ METALLURGY PLANTS ✓ MARINE SHIPS & JETTIES ✓ STORAGE GODOWNS ✓ FERTILIZER ✓ HIGH RISE BUILDINGS ✓ DEFENSE ✓ AIRPORT FACILITIES ✓ COMMERCIAL BUILDINGS ✓ CHEMICAL INDUSTRIES ✓ RESIDENTIAL BUILDINGS ✓ MILITARY FACILITIES ✓ AIRCRAFT HANGERS ✓ PROCESS INDUSTRIES ✓ SUB STATIONS ✓ INDUSTRIAL BUILDINGS ✓ FOG SYSTEM FOR TRAIN CARRIAGES



#### SOLUTIONS PROVIDED

✓ Hydrant Systems –

Design, Supply, Installation and Commissioning of Hydrant Systems like Wet Riser, Dry Riser, etc...



Fire Hydrant System

#### ✓ Sprinkler Systems –

Design, Supply, Installation and Commissioning of automatic Sprinkler Systems Integrating sprinklers, valves, Pumps Deluge, etc...



#### ✓ Gas Suppression Systems –

Design, Supply, Installation and Commissioning of Fire Suppression Systems like Sapphire, Inergen, FM200, CO2, Foam (AFFF), Dry Chemical Powder, Water, Fire Trace Tubes gas flooding system, etc...





Design, Supply, Installation and Commissioning of Foam System for Oil Terminals, Oil Storage Facilities – Fixed Roof & Floating Roof, Oil Jetties and Foam Sprinkler System like low & medium expansion type for paint industries, Air craft Hangers, etc...



#### ✓ DCP/PUMP/FOAM/CO2 Skid Systems –

Design, Supply, Installation and Commissioning of DCP skid System for use in extinguishing fire involving bulk chemical agents & liquefied gases



#### ✓ Fire Trace Tubes Gas Suppression Systems-

Design, Supply, Installation and Commissioning of Fire Trace Tubes gas flooding system for Electrical Cabinets, etc...





#### ✓ Actok Pyro Cord and Pyrosticker Gas Suppression Systems-

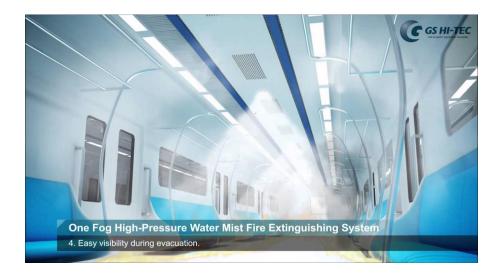
Design, Supply, Installation and Commissioning of Actok Pyro Cord and Pyrosticker gas Extinguishing system for Electrical Cabinets, distribution Board, switch board, etc...



#### ✓ Water Mist Spray systems –

Design, Supply, Installation and Commissioning of Water Mist Spray systems for manufacturing industries, auditoriums, offices, hotel industry, etc...







#### LOW VOLTAGE SYSTEMS

#### ✓ Fire Alarm Systems –

Design, Supply, Installation and Commissioning of Hi-tech Fire Alarm Systems integrating Fire Alarm Panels, Smoke Detectors, Heat Detectors, Temperature Sensors, Fire alarm bells, Emergency Lights, Manual Call Points etc...



#### ✓ Security System -

Design, Supply, Installation and Commissioning of CCTV, Access Control System, Walk Through Metal Detector and Perimeter Fencing System.



#### ✓ Communication System -

Design, Supply, Installation and Commissioning of Industrial Paging / Broadcasting System, General Public Addressable System Talk back, Voice





✓ Building Management Systems-

Design, Supply, Installation and Commissioning of DDC based and PLC based systems for various market segment like industrial, commercial and infrastructure, etc...

#### **Integrated Building Management System**

Regd. Office:

Bengaluru-32.

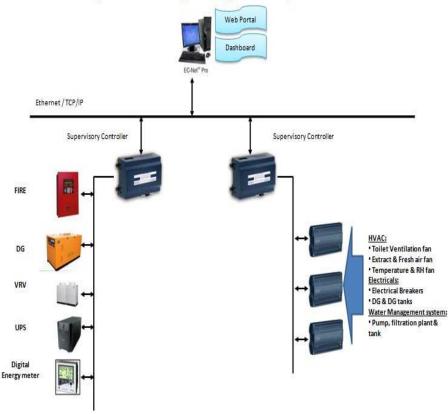
Mob: +919880821760

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Manorayanapalya, R.T. Nagar Post,

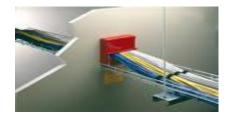
Email: mashkoor@safeguardfire.co.in

safeguardfiresystem@gmail.com



#### > Passive Fire Protection Systems-

Design, Supply, Installation and Commissioning of Passive Fire Protection Systems like, Fire Proofing, Cable Coating, etc...





### **EPC CAPABILITIES**



#### **ENGINEERING CAPABILITIES**

- Manned by highly qualified engineering professionals
- Excellent CAD facilities for design & drafting
- Updated software facilities like
  - → AUTOCAD
  - ➔ PIPENET
  - → INERGEN FLOW CALCULATION
  - → SAPPHIRE FLOW CALCULATION
  - → CO2 FLOW CALCULATION
  - → MAGNI FIRE
- Latest Engineering Standards like
  - → NFPA Codes
  - ➔ Indian Standards
  - → TAC Manuals
  - → NBC
  - ➔ British Standards
  - → OISD
- Advance Hardware facilities like
  - → 04 Peripherals
  - → 05 Laptops
  - → 01 High Speed Plotter
  - ➔ 01 High Speed Printer



#### **PROCUREMENT CAPABILITIES**

- Strong qualified procurement team
- Systematic and continuous development of vendors to meet the demands of turnkey projects
- Procurement with objective of ordering and receipt of materials with shortest possible cycle time to meet the project schedules.
- Long term associations and Exclusive Engineering System Distributors (ESD) for world renowned principals like ANSUL USA, NOTIFIER USA, HONEYWELL USA.
- Manages the entire supply chain of materials from sourcing to delivery at Project locations from both local and overseas markets
- Takes care of material storage, Inventory management, delivery to project sites and port clearance etc.
- Carries out In-house appraisal of vendors and approved vendors of customers are utilized for the specific project.
- Manages the processes of procurement and inventory management through custom made ERP software.



#### **PMC CAPABILITIES :**

- Manned by Qualified Project Managers with wide experience in Project execution
- Dedicated & Sizeable group of experienced engineers to oversee project execution
- Single Point contact for Project Management
- Timely Completion of the Project and Guaranteed site performance
- Uses the latest Project management & Cost management software's (MS Project / Prima Vera) depending upon the customer requirements.
- Project Management team work closely with each other and ensures quality time-compliant and trouble-free project activity through prompt delivery of duly examined project related materials/equipment.
- Extends commissioning supervision services at site as per customer requirements.
- Provides Safe & healthy working condition at Project sites.
- Ensures all Sub-contractors comply with Quality Procedures and HSE Procedures.



### CERTIFICATION

### ISO 9001:2015 (QMS)







Certificate of Registration

#### SAFEGUARD FIRE SYSTEMS

No 37, 38, 39, S04, Chandu Apartment, Chikkabettahalli, Vidyaranyapura, Bengaluru (Bangalore) Urban, Karnataka-560097, India

has been assessed and Certified by Otabu Certification Pvt. Ltd. as meeting the requirements of:

#### ISO 9001:2015

#### Quality Management System

For the following scope of activities:

Design, Supply, Installation, Testing and Commissioning of Fire Fighting System, Gas Suppression System & Security Systems

Issue No : 01 Date of Certification: 07 August 2020 1st Surveillance Due: 06 August 2021 Revision No () : NA 2nd Surveillance Due: 06 August 2022 Certificate Expiry : 06 August 2023 (subject to the company maintaining its system to the required standard)

Certificate No:- 0807Q77120 To Verify this Certificate please visit at www.otabucert.com









\*Validity of the certificate is subject to successful completion of surveillance audit on or before due date (in case surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawal). \*This Certificate of Registration remains the Property of Otabu Certification Pvt. Ltd., nd shall be returned immediately upon request. Otabu Certification Pvt. Ltd., RZ-9 (Ground Floor), Prem Nagar, Uttam Nagar, New Delhi-110059 (India)

Email:- info@otabucert.com website:-www.otabucert.com



### EQUIPMENTS/MATERIALS OFFERED



#### **PRODUCT RANGE AND PRINCIPALS**

#### **INTEGRATED SYSTEM PRODUCT RANGE**

- Hydrant and Sprinkler System
- Gas Suppression System
- Water Mist Spray System
- Fire Extinguishers
- Fire Trace Tubes (Panel Flooding)
- Foam Protection System
- Fire Curtains System
- CO2 System
- ActoK Gas Extinguishing System (Panel Extinguishing)

#### PRINCIPAL SUPPLIERS

#### 1. <u>SIEX</u>

Inert Gas Suppression System

Low Pressure CO2 System

High Pressure CO2 System

Kitchen Hood Protection System

**Dry Chemical Powder** 

#### 2. MIRCOM & SECUTRON

• Addressable Fire Detection & Alarm System

#### 3. FIRE DETECT

• Panel Flooding System

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#### 4. HONEYWELL

- Alerton BMS / SECURITY SYSTEM
- Gas Detection System (Hydrogen & CO)

### Honeywell TREND ALERTON<sup>®</sup>

HEINRICH

#### 5. HEINRICH

- Public Addressable System
- Nurse Call System

#### 6. <u>KONEBA</u>

Fire Curtain System

# Koneba

#### 7. HD FIRE PROTECT PVT. LTD. - INDIA

 Foam / Water Monitors & Nozzles, Tank Foam System, Sprinkler / Deluge Spray Systems, Valves, Foam Branch Pipes and Mobile Foam Units







 Tank Foam (AFFF) Fire Fighting Systems, Mobile Foam Units, Foam Concentrate, Foam Generators, Monitors & Nozzles



#### 8. <u>HILTI</u>

• Passive Fire Protection Products & Systems, Cable Coating, Bulk Head Systems, Steel Protection, Wood Protection.





# QUALITY ASSURANCE / CONTROL PROGRAMME



#### QUALITY ASSURANCE AND QUALITY CONTROL PROGRAMME

#### **QUALITY POLICY**

Safeguard has framed Quality Policy with Quality, Customer Delight and Continual Improvement as 3 keywords as follows;

#### "QUALITY IS THE HALL MARK OF OUR ENTERPRISE AND CUSTOMER DELIGHT IS THE GOAL OF OUR EFFORTS WITH CONTINUAL IMPROVEMENT AS OUR PLATFORM" QUALITY MANAGEMENT SYSTEM

Safeguard has committed to Total Quality Management (TQM) for achieving business growth through customer delight at optimum cost by

- Implementation of Quality Management System based on ISO 9001;2008 International Standard
- Continual Improvement of these systems as well as process by establishing measurable quality objectives and by periodically reviewing them

#### **QUALITY ASSURANCE / QUALITY CONTROL**

Safeguard has put in place its Quality System to ensure that all aspects and stages of the project activities is governed by the Quality Procedures laid down by the system and the Quality checks are evolved into the system from the Initial stages of Design, Procurement and Project execution.

Safeguard has given great emphasis to ensure that only excellent quality materials are used in the Projects and carries out all required stage wise inspection and testing right from procurement stages to final release of products/services to customer.

Safeguard ensures that the quality of the products/services provided fully comply with the customer's requirements.

Safeguard have a system of developing Quality Assurance Plan & Quality Control Procedures for turnkey projects in line with the applicable codes and standards and client's specifications.



# COMPLIANCE TO HSE SYSTEM



Safeguard considers the health, safety & environment of people, installations, project sites and offices as the highest corporate priorities and an integral part of its overall business objectives through the following principles;

- Developed and implemented a corporate HSE management system throughout the organization covering all aspects of the business in accordance with its corporate HSE Policy.
- Dedicated roles & responsibilities to ensure compliance with HSE Policy in Engineering, Design, Procurement, Project Management, Construction and Commissioning activities by issuing HSE Procedures tailored for each project.
- Launched HSE awareness program involving all employees operating in project sites and the program promotes incident and accident prevention through reporting and immediate correction of all potentially unsafe conditions that may lead to an incident.
- Maintain high safety standards through safety training, encouraging interest and enthusiasm in safety and by developing personal responsibility for safety.
- Accepts that the responsibility for safety rests with the line management of the company and that safety matters are held in equal importance to other business objectives.
- Conduct its operations in such a manner as to minimize any detriment to the environment.
- Ensure the protection and safe operation of all plant and equipment.
- Strongly committed to environmental protection.



### AFTER MARKET SALES (AMC)



#### **CLIENTELE (INDIA)**

Apart from the Turnkey project execution, based on M/s. Safeguard's expertise developed over period of time and its proven credential and upon the client's demand to upkeep the installed systems by M/s. Safeguard. As a part of our own diversification program, we have started a separate vertical, catering to maintenance of the above installed systems @ Fire Pump Room, Fire Hydrant & Sprinkler System, Addressable Fire Alarm & PA System, Gas Suppression (Room Flooding) and Actok Pyrocord based Panel Flooding System we are carrying out both comprehensive and non-comprehensive type of maintenance. Some of our distinguished clients include

- International Institute of Information Technology, Bangalore (IIIT-B)
- Flipkart India Pvt Ltd
- Bangalore Metro Rail Corporation Ltd (BMRCL)
- Commercial & High-Rise Residential Buildings



### **MAJOR CLIENTS**



#### **CLIENTELE (INDIA)**

Safeguard expertise and proven credentials have led to a consistent increase in the client list and market presence

in India. Some of our distinguished clients include

- Bangalore Metro Rail Corporation Ltd. (BMRCL)
- Larsen and Tubro Ltd. (L&T)
- Flipkart India Pvt Ltd
- International Institute of Information and Technology. (IIITB)
- Jubilant Chemicals
- Mangalore Refinery Petroleum Ltd. (MRPL)
- Hyderabad Metro Rail Ltd. (HMRL)
- > Delhi Metro Rail Corporation Ltd. (DMRCL)
- Sankalp Constructions Pvt. Ltd
- Prestige Constructions Pvt. Ltd
- Karnataka Power Corporations Ltd. (KPCL)



metro /

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ARSEN & TOUBRO Flipkart 🔀



















### MAJOR CONSULTANTS





# **FICHTNER INDIA**













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**JACOBS** 



