



# SMART SAFE SOLUTIONS Co.

[WWW.SSS-SA.CO](http://WWW.SSS-SA.CO)

## **INTRODUCTION:**

SMART SAFE SOLUTIONS Co. (SSS Co.) is a joint venture company with AMAN MASR TECHNOLOGY CO., one of the EPC contractors for MEP and construction projects in Egypt. We have leveraged our expertise and experience to enter the Saudi local market, aiming to establish a reputation for excellence and customer support.

Our approach to each project from various technical angles ensures comprehensive and complete solutions.

We are dedicated to ensuring the success of our projects, working with the best companies in their fields to minimize fire risks in residential and industrial areas.

All goods and services we offer to our clients are certified by internationally recognized certification bodies. We are committed to delivering high-quality goods and services that fully meet our customers' needs for quality assurance, and we continually seek ways to improve our quality and ensure its continuity.

For each project undertaken, we design a unique quality management system to ensure it meets the project's requirements from start to finish.

Outstanding business performance requires outstanding HSE (Health, Safety, and Environment) performance. We also ensure that all of our operations are carried out in a manner that protects the environment and the community in general.

We are confident that you will find our presentation of interest and assure you of our competence and desire to realize your contract to your complete satisfaction.

## **OUR VISION:**

As the world's population rapidly grows, so do our communal living spaces. It becomes increasingly important to prevent these spaces from one of the biggest disasters: fire. Since our foundation in 2010 in Egypt, and continuing in the Kingdom of Saudi Arabia, we have strived to specialize and excel in all our projects as a result of globalization. It is always our aim to introduce the latest technology and information to our country with our dynamic staff. We continuously collaborate with specialist engineers and qualified staff in our technical and commercial applications to minimize fire risks in living spaces and industrial areas. Our main aim is to provide better service, manufacture more qualified and diverse products with our Research & Development mentality, which is essential for understanding modern management and production. We are committed to elevating the understanding of Fire Security to the level of developed countries.

## **WHO ARE WE?**

SSS Co. delivers solutions for all types of fire protection systems, including sprinkler, foam, gas, and water mist systems, as well as firefighting and safety equipment, and more advanced technology systems with high integrity products.

## **OUR CUSTOMERS:**

SSS Co. offers engineering, procurement, and construction solutions to enterprises of any size.

## **OUR QUALITY:**

Working in close partnership with top manufacturers worldwide, we offer high-quality, cost-effective, and tailor-made solutions to our customers' needs.



## **FIELDS OF ACTIVITY**

We strive to be the most suitable business partner for our customers by offering them a wide range of products and services in the field of fire protection and construction projects.

# **OUR SERVICES**

Our clients can be confident that our expertise, built up over 13 years in Egypt and continuing in the Kingdom of Saudi Arabia, ensures that we approach each project with the same seriousness. Our strong relations with our partners will ensure that their projects are delivered on time and within budget.

### **1 Engineering**

Our engineering services include the design and hydraulic calculations of gaseous, sprinkler, foam, and water-based extinguishing systems, as well as the development of fire protection system design drawings, specifications, and product selection. Our engineers are specifically trained and educated to address fire safety issues, project needs, and client concerns related to fire protection and firefighting safety.

### **2 Procurement**

Through longstanding global alliances and networks, SSS Co. efficiently sources anything our clients require from highly trusted sources worldwide. Our partnerships enable us to achieve ideal purchases targeting value, product quality, and optimal logistics solutions to save time and money.

### **3 Construction**

SSS Co. has the capability to construct all types of fire protection, firefighting, and safety systems. All construction works are undertaken by a team of professionals ensuring reduced project risk, delivered to a high standard of quality, on time, and within the agreed budget.

# FIRE PROTECTION SYSTEMS

## 1 WATER NETWORK SYSTEM:

### A SPRINKLER NETWORKS



A fire sprinkler system is a type of automatic extinguishing system (AES) that prevents fire growth and spread by releasing water through a series of sprinkler heads connected to a distribution piping system. Water is released through the sprinkler heads once the surrounding air reaches 165 degrees Fahrenheit. This is an active protection method that can contribute to the safety of human and assets and also firefighters, those they work to protect of the human and assets.

### B FIRE HYDRANT NETWORKS

Fire Hydrant Protection System is designed to fight fire of huge proportions, in all classes of risks and it is an active fire protection measure. It is designed to provide rapid access to water if a fire breaks out. Fire hydrant installation consists of a system of pipe work connected directly to the water supply main to provide water to every hydrant outlet and is intended to provide water for the firemen to fight a fire. The water is discharged into the fire engine form which it is then pumped and sprayed over fire. Where the water supply is not reliable or inadequate, hydrant pumps should be provided to pressurize the fire mains.



### C FIRE CABINET

The cabinets for fire hose are the compulsory element of the indoor and outdoor fire-fighting public water supply systems. The cabinets are designed for accommodating, protecting, keeping and storing the fire hoses, the fire-hose barrels and if necessary, the fire extinguishers.



## **2 HDPE, PIPING UNDERGROUND SYSTEM**

We are ready to Supply and installation HDPE piping system according to standard and specification and also we have a lot of experience to installation and commissioning underground system.



## **3 PUMPS**

SSS Co. team have a lot of experience and ability to supply, installation, Pre commissioning and commissioning for all firefighting pumps.

## **4 FOAM-BASED EXTINGUISHING SYSTEM**

**A** FOAM-WATER SPRINKLER SYSTEM

**B** FOAM-WATER DRY PIPE SYSTEM

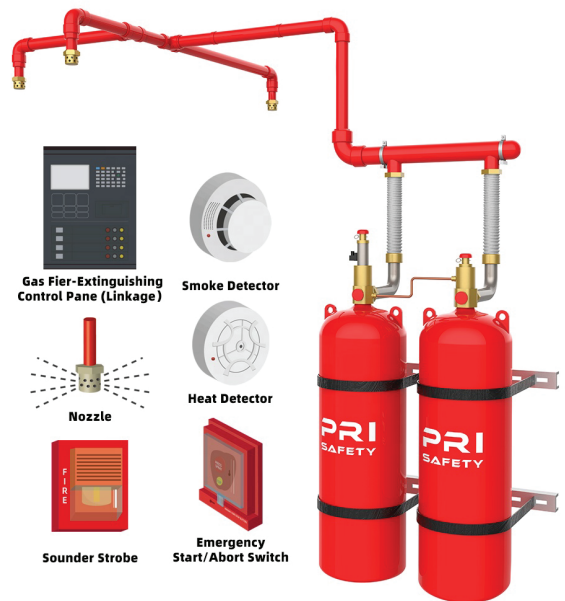


# 5 CLEAN AGENT FIRE EXTINGUISHING SYSTEM:

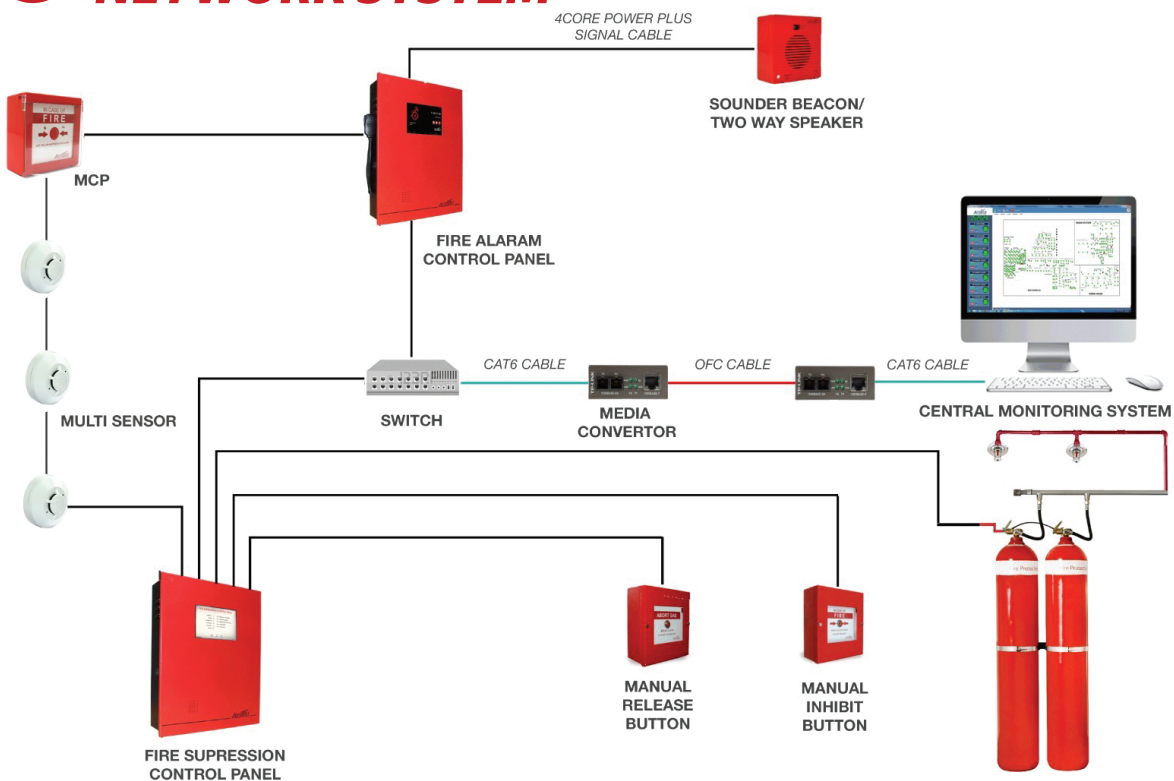
**A** FM-200 GAS BASED FIRE EXTINGUISHING SYSTEM

**B** INERT GAS (ARGON IG01) FIRE SUPPRESSION SYSTEM

**C** CO2 GAS EOUS SUPPRESSION SYSTEM



# 6 FIRE ALARM NETWORK SYSTEM



Also the fire alarm network system is one of our scope including design, supply, installation and programming for all fire alarm systems.

## **OUR EXCLUSIVE BRANDS**

# **1LinkZone<sup>®</sup>**

### **Unique, Smart Technology**

### **IR tracking and positioning Fire System:**

This advanced system combines three functions into one:

An automatic smart fire suppression system that utilizes infrared thermal lenses and sensors to detect, track, and deal with the source of the fire within seconds from the first ignition. A fire alarm system that operates through ultraviolet lenses to detect and sound alarms for rising smoke directly on-site.

The system is equipped with a video surveillance camera, thus forming a closed-circuit television (CCTV) for security purposes and identifying fire causes 7/24.



# 2 FireZERO<sup>FZ</sup>

## Tube Type Smart Automatic Fire Extinguisher:

The fire extinguishing agent (FM200 or NOVEC1230) in the tube is ejected by temperature or flame and automatically extinguishes the fire in one second. It is ideal for electrical distribution panels, transportation/electrical enclosures, and controller production lines.



# 3 Epylun

## Automatic Fire-Fighting System

Epylun is specially developed as part of fire protection systems for professional electrical equipment, transformers, coils, electric motors, IT servers, and other sensitive IT



equipment, without collateral damages. It activates and extinguishes fire when the solution reaches 90°C, automatically bursting open the glass ampoule, dispersing the solution, and extinguishing the fire without collateral damages. The solution remains on the extinguished surfaces as a coating, preventing re-ignition. Epylun Automatic Fire-Fighting System is designed for indoor use only, suitable for classes of fire A, B, F, and electrical devices. It is easy to install and has a lifetime of more than 10 years, with no maintenance required within the liquid validity period, saving maintenance costs and time compared to traditional systems.

## MEP SAMPLE PROJECTS LIST

### 1 DOWNTOWN COMPOUND IN PORT SAID, MILITARY INTELLIGENCE

- Supply all material of two pump house, utility pump system.
- Installation the system according to international stander.
- Pre commissioning and commissioning of the fire fighting system.

### 2 EL SEWEDY ELECTRIC: CABLES FACTORIES IN 10TH OF RAMADAN (11 FACTORIES)

- Supply and installation of firefighting protection systems (firefighting networks, pump house and fire alarm system).

### 3 CERAMICA CLEOPATRA GROUP: Ein Sukhna North West Gulf of Suez.

- Supply and installation of firefighting protection systems (firefighting networks, pump house and fire alarm system).

### 4 EGYPTIAN CUSTOMS AUTHORITY: Alexandria Sea Port 5 buildings.

- Supply and installation of firefighting protection systems (firefighting networks, pump house, FM200 and fire alarm system)

### 5 ASEC MISR BANI-SWEIF CEMENT COMPANY (MONITORING ROOMS BUILDING)

- Supply all material for firefighting system UL listed FM approved (piping/pumps/ fire alarm/equipment).

### 6 MALL OF ARABIA

- Engineering for belly beez area.
- Supply all material for firefighting system UL listed FM approved.
- Installation of water spray system and CO2 system.

### 7 UFC GYM SHEIKH ZAYED CITY (UFC GYM)

### 8 HEIDELBERG CEMENT GROUP (SUEZ CEMENT)

- Revamping firefighting network by zone as per client's arrangement.
- Prefabrication of all zones before shutdown areas one by one.
- Installation of firefighting systems (Piping - Fire alarm - Fire pumps - Electrical networks).

### 9 SMALL-INDUSTRIES COMPLEX CBC IN 6th OF OCTOBER CITY.

- Supply and installation of fire network HDPE with fire cabinet.

### 10 AKAY READYMADE GARMENTS L.L.C IN PORT SAID fire alarm system

- Fire alarm system

### 11 MIS READYMADE GARMENTS. IN PORT SAID

- Fire alarm system

### 12 AL MOEZ MALLS IN SHEIKH ZAYED CITY

- Supply and installation of firefighting protection systems (firefighting networks, pump house, FM200 and fire alarm system)

### 13 PRIMA VISTA 6th OF OCTOBER CITY.

- Supply, installation Pre commissioning and commissioning for the pump house unit.

### 14 ORCHIDIA GROUP CO.

### 15 BE PARK PROJECT IN ALEXANDRIA FREE ZONE

### 16 GIZA CABLE MANUFACTURING FACTORY

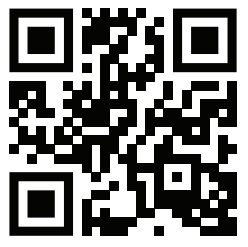
### 17 VAIL MALL IN SHEIKH ZAYED CITY

### 18 ARAB VALVES CO. 10TH OF RAMADAN

# *Photos of Some MEP Accomplished Projects*



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