



Projects Reference List - 2022





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Fields of Operation

Well known for its commitment to quality, value and customer service, ISS is recognized as the value provider of professional service and support. The combination of engineering powerhouse and strong market position enables ISS to provide innovative solutions for the market with 100% customer satisfaction. Understanding the industry requirements and challenges, ISS has been able to integrate systems of flame and gas detection, foam and water firefighting systems, clean-agent systems, to the life and property safety market.

With testimonials from some of the world's leading corporations, ISS has been able to establish a customer base of clients that recommend us for the region as their certified partner.

ISS provides the following products locally;

- UL/FM firefighting Pumps
- UL Foam Concentrates
- UL Foam Bladder Tanks
- Mobile Foam Equipment
- Flame and Gas Detection and Control Systems,
- Water Sprinkler Systems,
- Fire Hydrants, Hose Reels, racks and cabinets
- LPCB/CE-Marked FM200 Suppression Systems
- LPCB/CE-Marked Co₂ Suppression Systems

As an integrator, we are capable of providing a single stop-shop for our customers who need quality installation and integration work. For such clients, we provide a complete turnkey solution for water or foam-based firefighting systems with complete system control and automation including;

- Design and Engineering Drawings and Calculations,
- Installation and Labor Work,
- Testing and Commissioning,
- Inspection and Training,
- Maintenance and After-Sales Services

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Mission Statement

We seek to become the first choice in Egypt for protection systems aiming at people and asset protection, down time minimization and return on investment as a core goal

Why Choose ISS

Expertise that go back for more than 40-years in the industry allow us to be able to provide the right solution for life and property safety.

The extensive expertise have allowed ISS to be an icon in the country of Egypt with some achievements that can only be attained through its unique capabilities;

First manufacturer in the region to achieve UL/FM approval on its products.

Extensive product range with CE marking.

Manufacturer of ASME certified pressure tanks.

Manufacturer of LPCB Certified suppression systems.

From a management perspective, ISS is ISO Certified.



International Partners

ISS has strong ties with renowned International Partners either through

- OEM manufacturing agreements
- UL-Cross Listing
- FM-Factory Certifications

Such partner trust ISS to be their partner for the entire scope of the fire business. Some of these partners include;



We have been working with these partners for more than 25-years and have thus attained the engineering expertise to satisfy our clients via solid scheduling, tough quality control measures and finally innate customer focus.

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History of Satisfied Clients

Well known for its commitment to quality, value and customer service, ISS is recognized as the value provider of professional service and support. The combination of engineering powerhouse and strong market position enables ISS to provide innovative solutions for the market with 100% customer satisfaction. Understanding the industry requirements and challenges, ISS has been able to integrate systems of flame and gas detection, foam and water firefighting systems, clean-agent systems, to the life and property safety market.

With testimonials from some of the world's leading corporations, ISS has been able to establish a customer base of clients that recommend us for the region as their certified partner.

Some of our customers include





References - Petroleum and Transportation Verticals

1. Egyptian Company for Civil Aviation & Aerospace Navigational Services

The new holding company now incorporates 3-Major companies providing full control over all Airports within the country of Egypt. Even more, the company sets the standards for any Aerospace-Service providing company. Now ISS-Foams have been deployed at all Egyptian airports providing the last order for 40-Tons of AFFF foams as strategic stock. Our foams have easily passed the ICAO, have been approved by the most recognized international certification body the Underwriters Laboratory and have proven by far environmentally safer than competitive agents. The order is a start of a new sector covered by ISS, it is expected to have other Aerospace-Service providing companies to follow in the giant footsteps of the Egyptian Civil Aviation Services Holding Company like Marsa Alam and similar.

2. MELROSE PETROLEUM COMPANY

The plant constituted of 3 fuel tanks, a process area with complex piping system and a knockout drum. Foam was the basic extinguishing agent, and for the dike automatically water-oscillating foam monitors were chosen to supply the foam without human intervention.

3. PETROLEUM PIPELINES COMPANY

The project requirement was for clean agent and carbon dioxide extinguishing systems for the control rooms, flame and gas detection systems for the pump station, chemical laboratory and fuel loading area.

4. AGIBA PETROLEUM – RED SEA RIG HELIPAD

Following the international codes of Suppression Systems for Heli-Pads ISS installed a Quantity of 2 Stand-Alone Premix Station using Nitrogen-Pressurized Cylinders as the expellant gas modules, a local Nitrogen cylinder as the main initial actuation unit and large 3,500 gallon premix tank with 3% UL-Listed AFFF foam concentrate all locally assembled. The tanks had a premixed solution of 97% of water and 3% of 3% AFFF foam concentrate manufactured at ISS facilities at el Obbour city



5. Amerya Metering Station – BAPETCO - PETROJET

ISS provided the latest in Fire Detection Technology by installing a Gas Detection System using Open Path Infra Red Detectors over the metering station.. The EXD rated, environmentally sealed, sun blind Open Path Detectors provided the perfect solution for Hydrocarbon Detection for the site as the standard spot type detectors would have been in excess of 100 units.

6. Misr Petroleum

6.1. The New Loading Bay at Suez Fuel Boundary had ISS perform the demanding Fire fighting and Automatic Extinguishing Control System. The project had all the technical strengths of ISS shown in Explosion proof detection from flame detector, heat detectors, siren all interfaced tone Intelligent Controller with simple command and control interface. All products had the required approvals and controlled a Foam System utilizing the best in Foam Discharge Design for minimal complexity and maximum efficiency
The total value was awarded for 2.1M Egyptian pounds

6.2. And also supply and install Foam system (1050 Gallon UL-Listed 3%AFFF) and bladder Capacity 500 gallon tanks .and fire alarm for loading rack
The total value was awarded for 1.4M Egyptian pounds .

7. General Petroleum Company RAS GHAREB PROJECT:

7.1. The project that includes the petroleum giants PETROJET and GPC is even yet underway. ISS has been awarded the supply & erection of the Redundant Foam Pump Skid and the Foam Monitors. A challenging project in which ISS has proven the high standard Engineering Body to provide all the answers to the tough standards of the project like Ingress Protection and Redundancy.
The total value was awarded for 1M Egyptian pounds

7.2. Following the international codes of Suppression Systems for Heli-Pads ISS installed a Quantity of 9 Stand-Alone Premix Station using Nitrogen-Pressurized Cylinders as the expellant gas modules, a local Nitrogen cylinder as the main initial actuation unit and large 11,700 gallon premix tank with 3% UL-Listed AFFF foam concentrate all locally assembled.
The tanks had a premixed solution of 97% of water and 3% of 3% AFFF foam concentrate manufactured at ISS facilities at el Obbour city
The total value was awarded for 4.5M Egyptian pounds

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8. "TRANS GULF PROJECT" Petroleum Pipeline Company - PETROJET

ISS provided design and supply for the project for over 100 Carbon Dioxide cylinders distributed over 15 rooms, be protected by Carbon Dioxide and FM200 Fire Fighting System for the control rooms.

9. Arab Petroleum Pipelines Co. "Sumed":

ISS provided Foam Fire Fighting Pump Skid System for the company utilizing two Foam Pump Skids, two Atmospheric Foam Concentrate Storage Tanks, to provide a Foam System for the fuel tanks at site. The generation of foam for the tanks utilized the latest in foam discharge equipment for fuel tanks and dikes using High-Back Pressure Foam Makers at 225 gpm flow rates, two Monitor Nozzles at 1000 gpm flow rates to discharge the 20-tons of 6% AFFF. The engineered products supplied by ISS and manufactured by Chemguard were the best-of-the-bid for the huge company and the system was to prove easy-to-install. The un-matched approvals provided for the components at the competitive prices were to provide Technical and Financial decision makers to choose ISS for the job.

10. Bechtel Overseas Co, - Egypt Boot Sidi Krir 3&4: EGY-C303 3% AFFF foam - blended in Egypt in their manufacturing facilities- at AL-OBOUR Industrial area – under license from CHEMGUARD-USA to protect this huge investment.

11. Suez Petroleum Manufacturing Co: Co₂ Suppression System for Transformer and Power Rooms.

12. TAQA Gas: Foam pump skid , bladder tanks , valves and hydrants for 3 stations The total value was awarded for 1.6M Egyptian pounds

13. Cairo Oil Refining:

13.1. Supply and install foam system and alarm systems . Total value of 1.5M Egyptian pounds

13.2. Supplied and installed foam system for 4 tanks by bladder tank and sprinkler system for loading rack .fire alarm system for these tanks and the loading rack. Total value of 1.1M

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References - Industrial Vertical

1. TCI Sanmar: Supply and install Foam system , and Bladder tanks , Fire pumps package , gas detection systems ,alarm systems , fire hydrant , valves , Sprinkler water systems ,Fire hose cabinet, CO2 systems, FM200 systems. 50M
2. El Mohandes Chemicals: Detection System, Foam System, Pump Package and Water Mains: A main fire loop 8 Km length, 4,000 sprinkler heads and two UL/FM fire pump packages. 14M
3. Kapci Coats and Painting: Detection System Foam System, Pump Package and Water Mains: A main fire loop 8 Km length, 4,000 sprinkler heads and a fully monitored UL/FM fire pump package. 7M
4. Pachin El Obour Factory Project: Detection System CCTV System, Foam System, Pump Package and Water Mains: A main fire loop 8 Km length, 4,000 sprinkler heads and a fully monitored UL/FM fire pump package. 6M
5. SC Johnson Wax Factory Project: Water Tank and Pump House Detection System Kitchen Hood System, Water Cooling System For the Kerosene tanks, a monitored deluge water system Foam System Pump Package and Water Mains: A main fire loop 3 Km length, 900 sprinkler heads and a UL/FM fire pump package. 4M
6. Kraft Foods Factory Egypt: Detection System, Pump Package and Water Mains: A main fire loop 3 Km length, 4,000 sprinkler heads and a fully monitored UL/FM fire pump package. 3.5M
7. United Sugar Company: Detection System Water monitors, Pump Package: A fully monitored UL/FM fire pump package. 3.5M
8. Sanofi-Aventis: Systems Summary: Sprinkler System Detection System, 1.5M
9. Savola Oils Factory Project: Detection System Foam System, Pump Package and Water Mains, main fire loop 1.5 Km length, 2000 sprinkler heads and a LPC- approved fire pump package. 1.3M