

NAFEL

For a Safer Tomorrow

Specialized in Fire Protection Systems

Company Profile

2024 / 25



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Nafelcontracting



About Us

- Specialized in Fire Protection Systems
- 10 years of professional experience in industrial warehouses and factories
- Working across the Kingdom in the remotest areas
- Approved by the Civil Defence

STATS

established
in

2013

Projects
completed

+75

Number of
sprinklers installed

97,000

Meters of pipes
installed

231,000

Scope of Services

We supply, install, maintain and provide the following :

- Fire Detection Systems
- Inrack Sprinkler Fire Systems
- Pump room installation
- Fire Alarm
- Underground network HDPE installation
- Fire Sprinkler Systems
- Fire Suppression Systems
- Civil Defence approval certificates



Maintenance

Our maintenance team undergo maintenance of any fire protection system. Our contracts are tailored to meet your specific needs and budget.

Keep your Fire Protection System maintained

Fire Alarm

NAFEL Comprehensive Fire Alarm System Solutions

Wide range of Fire Alarm Systems including:

- Conventional Fire Alarm Systems
- Addressable Fire Alarm Systems
- Cutting Edge Technology Systems
- Explosion-proof Fire Detection Systems
- High Temperature Fire Alarm Systems
- Our products are sourced from trusted brands, such as Honeywell, Notifier, Siemens, Potter, and more.

Expert Fire Alarm System Design

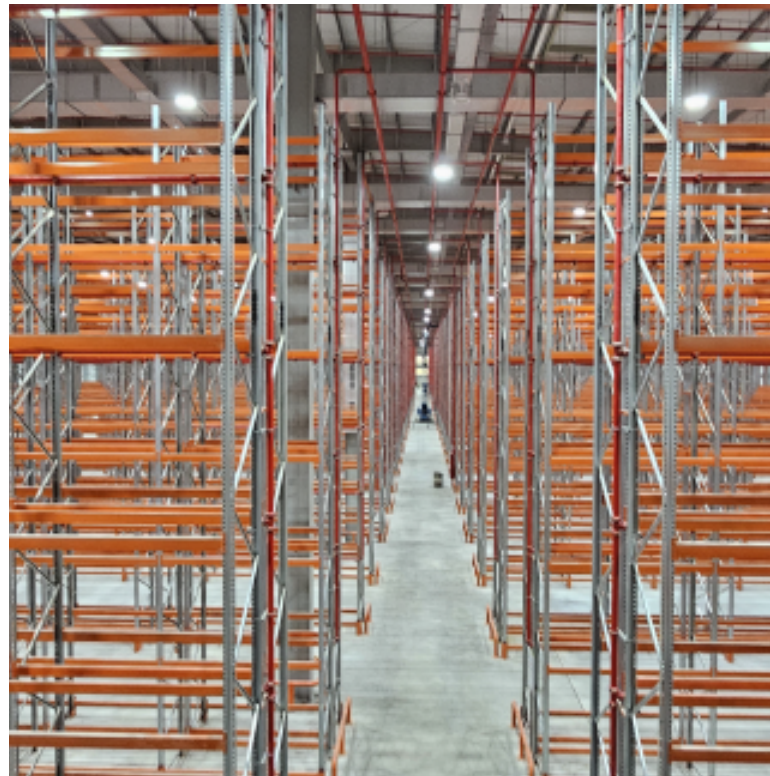
We specialize in system design, adhering to NFPA and Saudi Building Codes, with tailored solutions for various industries and environments, including hazardous and high-risk areas.

Installation Services

Our experienced installation team ensures precise, code-compliant setups, with thorough testing and commissioning services to guarantee the system's functionality and compliance.

Maintenance and Support

We offer continuous maintenance and support, in order to ensure system performance and reliability.



In-rack Fire Protection

Our team has extensive experience installing, redesigning, and providing our clients with the best in-rack solutions. To date, our team has installed more than thirty four thousand in-rack sprinklers.

Project	Client	Consultant	Main contractor	Scope
Nahdi Warehouse (Jeddah)			 Infil. Contracting Co. Ltd	Full Fire Protection System
British Aerospace Engineering Systems Facility			 CONTRACTING	Full Fire Protection System
Nupco Warehouse (Al-Baha)		 PROGRAM MANAGEMENT COMPANY	 Infil. Contracting Co. Ltd	Full Fire Protection System , Electrical Panel Termination , cable tray installation
Nupco Warehouse (Al-Qassim)		 PROGRAM MANAGEMENT COMPANY	 Infil. Contracting Co. Ltd	Full Fire Protection System , Electrical Panel Termination , cable tray installation
Nupco Warehouse (Damam)		 PROGRAM MANAGEMENT COMPANY	 Infil. Contracting Co. Ltd	Full Fire Protection System
MBSC College (KAEC)		V3		Full Fire Protection System
Ihome Warehouse (Jeddah)			Direct with client	Full Fire Protection System
Dubox Mechanical No 073				Full Fire Protection System
JV Project- Hassan 2020 B01 & B09 Island Club	Confidential			Complete MEP Scope

Project	Client	Consultant	Main contractor	Scope
Faqih Hospital		FMC		Supply and installation of Chilled water network including 3 chillers
Shangri La Jeddah Hotel	AMIAS	AMIAS	Al Saad	Complete mechanical scope of 22 floors. excluding Fire protection
Elixir Pharmaceutical Factory (KAEC)				Full Fire Protection System
Al Marai Hail				Installation of fire fighting network (sprinklers drops, FHCs installation, Finishing multiple areas)
Honeywell Facility (Dammam)				Full Fire Protection System
NConsultants Office Phase-1 Neom@Sharma J28MEP				Full Fire Protection System , Electrical Panel Termination, cable tray installation
EMERSON Facility (Dammam)				Full Fire Protection System
Electric Substation				Installation of FM200 and co2 suppression systems for Tihama substation (196 cylinder)
Metro Riyadh				Design, Supply and installations of Aerosole Stat-x Fire Suppression System.

Significant Projects

Nahdi Project

- Installation of full fire Protection System
- 60,000 m black steel pipes, 18,000 sprinklers, and 170 Firehose cabinets
- Duration: 15 months , Completion Date : 2021-11-17



Nupco Warehouse Al Qassim

- Supply and installation of full Fire Protection System
- 45,000 m black steel pipes, 1250 m of HDPE Pipes, and 19,000 sprinklers
- Electrical Panel Termination, cable tray installation, and Fire Alarm System
- Duration: 9 months , Completion Date : 2023/09/ 01



Nupco Warehouse Al Baha

- Supply and installation of full fire Protection System
- 20,000 m black steel pipes, 1000 m of HDPE pipes, and 7,000 sprinklers
- Electrical Panel Termination, cable tray installation, and Fire Alarm System
- Duration: 8 months , Completion Date : 2022/11/01



Significant Projects

Nupco Warehouse Al Baha

- Supply and installation of full Fire Protection System
- 49,000 m black steel pipes, 1000 m of HDPE Pipes
22,000 sprinklers
- Duration: 8 months , Completion Date : 2023/11/01
cable tray installation



Metro Riyadh

- Design, supply and installations of Aerosole Statx fire suppression system using electrical actuated generators
- Complete design, supply, and installation of Fire Alarm System (Porter)



Electrical Substation, Jizan Khudariah

- Supply and installations of FM200 system for electrical substation including partial supply with installation of Fire Alarm System.







Nahdi Warehouse Jeddah



Nupco Warehouse Qassim



Nupco Warehouse Albaha



Nupco Warehouse Dammam



BAE Systems, Jeddah



Napco Riyadh Warehouse



Red Sea Coastal Village DuBox Factory



Elixir Pharmaceutical Factory



Condensed aerosol fire suppression, a relatively new technology, is a system of aerosol containers or a single container, that are interconnected to each other and to a control panel, designed to extinguish fires in special hazard applications. Other special hazard fire protection systems including dry chemical, wet chemical, gaseous clean agent (halocarbon or inert gas), water mist, carbon dioxide and, in the past, halon systems are also used in similar applications.

Special hazard applications are those that are not appropriate for automatic sprinkler protection, either due to the fire hazard itself, or the contents that are being protected. Automatic sprinkler systems can damage sensitive information technology equipment, and even wet chemical systems, used to protect commercial cooking operations, can damage cooking equipment, and offer clean up challenges.

Unlike other special hazard systems, condensed aerosol suppression systems do not require a separate vessel for the agent itself, nor do they require an interconnected piping network to deliver agent. Condensed aerosol systems operate by smoke or heat detection, together with control panels, thermally activated, or manually operated with pull stations.

StatX Aerosol Fire Suppression

NAFEL

Nafel is the main distributor for Stat-X company in Saudi Arabia providing Fire Suppression solutions.

Stat-X electrical fixed systems are electrically actuated and range in size from units containing 15 grams up to 2500 grams (covering up to 40 m³). These units are typically tied to conventional fire detection systems and releasing panel.

Stat-X fixed system thermal/manual generators are stand alone units incorporating their own patented detection mechanism, eliminating the need for separate detection and releasing controls.





Power supply rooms are ideal for Stat-X.



Stand by generator rooms need protection and are in most facilities.



Stat-X is tested and proven to be effective on lithium-ion battery fires.



Stat-X is tested and proven to be effective on lithium-ion battery fires.

Economical and Safer

Compared to expensive water deluge, gas, or dry chemical piped systems, Stat-X technology is economical to install and own. Stat-X units do not need piping. What's more, no special catch basins are required to collect any waste water and oil mix after a fire, which could overflow and make soil remediation necessary.

When discharged, Stat-X aerosol agent remains suspended, protecting the space longer. Spent Stat-X units are simply replaced so the system can be restored to continue protecting the asset. Unlike many conventional systems, it doesn't work by depleting oxygen, or by releasing corrosive compounds or ozone-harming chemicals. And since Stat-X agent is stable and generated only when the system actuates, there's no need for periodic agent level inspections or container hydro-testing.

The Stat-X Advantage

Advanced technology peerless firefighting on a weight basis over water, gas, or dry chemical.

Compact modular design mounts high and is suitable for obstructed spaces.

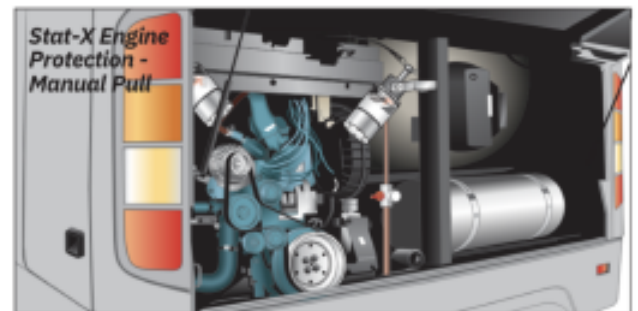
Economical to install — no agent piping network or pressurized vessels needed.

Economical to own no service charges for container level checks, weighing, or hydro-testing.

Choice of operation thermal, manual, or electrical using popular detection and control systems.

Long life rugged, sealed, stainless steel units made in USA for long service life.

Approvals tested, listed, and homologated by military, government, and independent agencies US EPA SNAP Listed for normally occupied and unoccupied spaces Environmentally friendly – zero Global Warming Potential (GWP) and zero Ozone Depletion Potential (ODP).



Stat-X Technology Protects Critical Infrastructure Worldwide

Today there are thousands of Stat-X installations protecting lives and property on six continents.



Telecommunications



Mining



Electric Cabinets



Rolling Stock



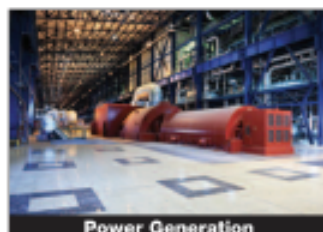
Transportation



Flammable Liquid Storage



Wind Turbine



Power Generation



Energy Storage Systems (ESS)



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Stat-X® Aerosol Fire
Suppression



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