



**DAFDAE ENGINEERS**  
ASSOCIATES



# COMPANY **PROFILE**

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



## INTRODUCTION

Dafdae Engineers Associates is a specialized company in the global fire & building safety industry. The company is a sister concern of the Dafdae Group. Dafdae Engineers Associates' core activities are the design, supply, and installation of fire & building safety systems. Having an energetic and efficient engineering team is our main strength. We provide our services as per BNBC, and NFPA.

We believe that every activity becomes creative when the person who realizes it takes a real interest in the difference between doing something well and doing something better. The overwhelmingly positive response we received from the market and that our customers have been able to assure us that our way is the right way. Therefore, we will carry on our innovative services to be proud of for a long time to come, because, when it comes to doing them well and doing them better, we prefer the better.

## OUR SPECIALIZATION

This sector is related to people and wealth safety. We believe that every activity becomes creative when the person who realizes it takes a real interest in the difference between doing something well and doing something better. We are an authorize & exclusive agent in Bangladesh from well – reputed global manufacturer & MNC. Dafdae Engineers Associates is committed to ensure its services and products that fully meet the requirements of its customers at all times with a goal to achieve a high level of customer satisfaction in every respect. Furthermore, we are committed to implement new technology by monitoring, measuring and enhancing innovation of the world.

### CREDENTIAL & ENLISTMENTS





## SERVICE FEATURES

01

### Supply, Installation, Testing & Commissioning

As per BNBC & NFPA Standards

02

### Quality Supervision and Inspection

With Certified Engineers

03

### Design and Documentation

Complete in-house facility

04

### Spares and Support

Available stock and easy sourcing

05

### Service and Dedication Engineer

Dedicated project coordinator for each client

06

### Warranty and After Sales Service

Standard / Extended Warranty and Free Servicing

07

### Product Certification

More than 900 internationally certified products

## AUTHORIZED PARTNER





## PRODUCTS AND SYSTEM

### PORTABLE FIRE EXTINGUISHERS

Available in Dry Chemical Powder, Carbon Di-Oxide, Water and Foam Type.

Maximum Capacity is 10 Ltrs / 6 KGs.

Complete with nozzle, belt, meter, and trigger.



### HANGING TYPE FIRE EXTINGUISHERS

Available in Dry Chemical Powder only.

Maximum and minimum capacity is 6 KGs.

Complete with sprinkler, hanger and valve.



### MOBILE FIRE EXTINGUISHERS

Available in Dry Chemical Powder, Carbon Di-Oxide, Water and Foam Type.

Maximum capacity is 100 Ltrs

Complete with wheel, casing and nozzle







NFS2-3030 intelligent fire alarm control panel is part of NOTIFIER's UL 864 9th Edition listed ONYX Series. It's designed specifically for premium range applications with features that minimize installation time, enable faster response times, and simplify maintenance and usability. Expandable to 10 Loops and maximum capacity of total 3,180 intelligent devices.



## COOPER FIRE ALARM SYSTEM BY EATON

Firelite is an economic range of addressable fire detection system from Honeywell. It has 3 sizes of control panel from small to medium range of projects up to 800 addressable points with an optional second Signaling Line Circuit.





The TX7008 comprise of a range of analogue addressable, microprocessor-based fire alarm control equipment to offer flexibility in both design and operation. The System is modular concept for easy tailoring of system design, to meet the full requirements of the project. The TX7008 Intelligent Fire Alarm Control Panel is designed and manufactured to meet the requirement of BS EN54 Part 2&4.



The TX7008 is designed to provide early warning fire detection, to quickly identify the location of fire and provide user definable text informing the occupants of the building of potential smoke spread. Simultaneously, the TX7008 will alert and evacuate the occupants, and control all necessary auxiliary command functions such as elevator control, air handling shut down, gas shut off & damper control, as per the cause and effects requirements configured through Command Builder Set-up.

## VESDA

Aspiration Sensing Technology® series is a line of aspirating smoke detectors that draw air into a patented, high-sensitivity smoke-sensing chamber through a pipe network. This approach enables to deliver highly accurate Standard Detection, Early Warning, and Very Early Warning. It also includes mission-critical facilities like data centers, server room etc.



# ELECTRICAL CABINET FIRE SUPPRESSION SYSTEM

Electrical Cabinet Suppression (ECS) Direct Low-Pressure System (DLP). Honeywell ECS system uses the detection & suppression tubing system which is installed throughout the enclosure and connected to the cylinder valve. The tubing is charged with dry nitrogen to pressurize it inside the cylinder. The cylinder is available in 2.5 pound, 5 pound & 10 pound option, and uses the Clean Agent FK-5-1-12 (Fluoroketone)

The system uses heat-sensitive pneumatic polymer tubing that reliably detects and releases the extinguishing agent through Heat Detection Tube. Multiple temperature rated tubing options (110 or 180 degree Celsius) protect a variety of hazards and equipment's. Optional dual-outlet valves allow more versatility to protect larger hazards than a single valve system.

## This solution is ideal for protecting:

- ✓ Electrical Cabinets
- ✓ Transformer Cabinets
- ✓ Pump Enclosures
- ✓ UPS Units
- ✓ Data Processing Cabinets
- ✓ Generator Enclosures etc.



Parameter	FK-5-1-12	CO2
Standard for Design	NFPA 2001	NFPA 12
Design Concentration	FK-5-1-12: 4.5%	CO2-50%
Safety to Environment	ODP: Zero, GWP: low	ODP: Zero, GWP: High
Discharge Time	10 Sec	30 Sec
Smell/Odour	Very light smell	Colorless, Odorless
System leakage Test	Through pressure monitoring	Yearly weighing of cylinders
Pressure Rating	Medium Pressure (60 bar)	Low pressure (13.5-16 bar)







## **TÜRBOSAN**

### **UL/FM Approved Fire Fighting Pump Set**

FM Approved pumps cannot be delivered as bare-shaft pumps. Pump, diesel engine, electric motor and controller should be delivered as a fire fighting pump set.

The controller and the diesel engine have to be FM Approved.



### **UL/FM Approved Fire Fighting Pump Set**

EN12845 Fire pump stations constructed for feeding water to automatic fire fighting systems and units with hydrants and sprinklers. Units are composed of 1 or 2 main pumps and one jockey pump set with which the system pressure level can be maintained without having to start the main pump(s).



## **HOSE REEL & CABINETS**

Electrostatic powder coated steel sheet & stainless-steel brush/mirror finish ensure a robust construction. The Rapidrop Manufacturing Division is capable of designing custom built cabinets. Hose reel cabinets and breaching inlet cabinets are manufactured to comply with BS 671-1 and BS5041-5 standards.



## VALVES & HYDRANTS

RAPIDROP hydrants are designed to meet BS 14384 for Kitemark & LPCB. Well lined production facility for custom made fabrications, according to the industrial specific needs RAPIDROP valves are manufactured to comply with BS 5041-1 standards. Different types of valves are available in both threaded and flanged versions.



## FIRE HOSE & ACCESSORIES

Hoses & Accessories are manufactured according to BS 6391 standards for Kitemark / LPCB & UL 19, 219 for UL approval. Industrial type hose racks are available. Hoses are designed for a range of multipurpose applications. Compatible for wide range of applications. All hoses are maintenance-free. Various lengths and types are available. Couplings made from aluminium alloy, bronze, gun metal and chrome finish are available.

## FIRE RATED DOORS

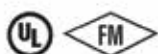
Fire Rated, Thermal Break, Louvers, Blast Resistant, Bullet Proof, Security Doors and Rolling Shutters. Available in Steel Doors / Wooden Texture / Fully Glazed.

Upto 3 Hours Fire Rated

Any Size Upto 10' x 10' (H x W)

Single Leaf and Double Leaf

Fire Rated Gypsum Partition and Ceiling



## FIRE SPRINKLER SYSTEM

A fire sprinkler system is an active fire protection system consisting of a water supply system, providing adequate pressure and flowrate to a water distribution system, onto which fire sprinklers are connected.

We have 4 types of Fire Sprinkler Systems Pre-action, Dry Pipe, Wet Pipe and Deluge



## FOAM SUPPRESSION /DELUGE SYSTEM

RAPIDROP Foam concentrates, Bladder Tanks and Ratio Controllers are UL listed. The range includes Foam Bladder Tank System, High Expansion Foam Generators, Water Foam Monitors and Foam Proportioner, etc. Wide range of listed products to match the requirements of both commercial and industrial sector.



## STEEL PIPES & FITTINGS

Seamless & ERW Steel Pipes, Manufactured in accordance with API/ASTM, BS, UL and FM approvals. Available in Hot Dipped Galvanized, Black and Powder coating finish. Copper/ Nickel / Alloy / Stainless Pipes are available for order also.

## GROOVED FITTINGS

UL Listed & FM Approved threaded fittings for fire-fighting and Chilled water applications. Available in Malleable Ductile Iron with Black or Galvanized finish. Ductile Iron Grooved fittings recommended for fire-fighting / HVAC Water applications. Available in Red / Galvanized finish



## HDPE PIPES & FITTINGS

Manufactured in compliance with AWWA C906 standard ISO 4427 standard UL, FM & WRAS approvals. Effective solution for firefighting (underground), potable water municipal, industrial, marine and agricultural applications.



## FIRE SUPPRESSION SYSTEM

One stop smoke extraction solutions by Siemens. This is an ultimate smoke control solution for high rise buildings, malls, atriums, factories, stores and other occupancies. Our System consists of: Fire Rated Fans, Fire Rated Ducts, Motorized Fire & Smoke Dampers, Curtain Fire Dampers, Smoke Sensors, Smoke Vents, Smoke / Fire Curtains and Controller.

- ✓ AFFF Foam Suppression System
- ✓ FIRESENSE Auto Extinguishing System
- ✓ Kitchen Fire Suppression System
- ✓ FM200 & NAF S 125 Supression System
- ✓ HFC227 Clean Agent System







## WALL FACADE SOLUTION

Robust fire protection with elegance. We provide FM and LPCB approved Rockwool Sandwich Panels, a true alternative to conventional solution for roof external wall & internal partition, with fire rated solution & design benefits. It presents the ultimate combination of aesthetics, design and function with all elements prefabricated and manufactured with the latest technologies.



## EMERGENCY LIGHTING SYSTEM

We offer a complete solution of emergency lighting system for any kind of project. We have Wall Mount Emergency Light, Ceiling Mounted Exit Light, Single / Both Side Exit Luminaire, LED Twin Spot Emergency Light, Wall Mount Emergency Light, Recessed Mount Emergency Exit Light and Recessed Mount Emergency Light.



## FIRE RATED PAINTS

Cementitious Paint and Intumescent Paint. It starts to swell at about 180-200°C and forms a foam layer which stops the critical heating of steel and the cement based fireproof coating has excellent physical properties for interior/architectural uses and it can give up to 4 hours of fire protection.



## SMOKE MANAGEMENT

One stop smoke extraction solution by NAFFCO. This is an ultimate smoke control solution for high rise buildings, malls, atriums, factories, stores, and other occupancies. Our System consists of: Fire Rated Fans, Fire Rated Ducts, Motorized Fire & Smoke Dampers, Curtain Fire Dampers, Smoke Sensors, Smoke Vents, Smoke / Fire Curtains and Controller.



# AMC ANNUAL MAINTENANCE CONTRACT

LET'S ENSURE YOUR SYSTEM IS WORKING

TESTING

REPAIRING

SPARES

FIRE PROTECTION & DETECTION SYSTEM

FOR MORE INFORMATION



**+88 01917 960 900**



## OUR VALUABLE CLIENT LIST

Sl.	Name of Clients	Service
01.	Advantis Intasl Bangladesh (Pvt) Ltd.	Supply and Installation of Addressable Fire Detection System and Fire Hydrant with Pump Set System.
02.	Kadena Sportswear Ltd.	Supply and Installation of Fire Rated Doors, Addressable Fire Detection System and Fire Hydrant with Pump Set System.
03.	HB Intimates Ltd.	Supply and Installation of Fire Rated Doors, Addressable Fire Detection System and Fire Hydrant with Pump Set System.
04.	HB Knittex Ltd.	Supply and Installation of Fire Rated Doors, Addressable Fire Detection System and Fire Hydrant with Pump Set System.
05.	Radiance Fashions Ltd.	Supply and Installation of Fire Rated Doors and Addressable Fire Detection System.
06.	Radiance Jeans Ltd.	Supply and Installation of Fire Rated Doors and Addressable Fire Detection System.
07.	Vertex Innovative Apparels Ltd.	Supply and Installation of Fire Rated Doors and Addressable Fire Detection System.
08.	Trauma Center	Supply and Installation of Addressable Fire Detection System and Fire Hydrant with Pump Set System.
09.	Rahman Tower (Regnum)	Supply and Installation of Addressable Fire Detection System and Fire Hydrant, Sprinkler with Pump Set System
10.	ACS Textiles BD Ltd.	Supply & Installation of Fire Rated Doors and Aspiration System
11.	Amber Denim Ltd	Supply & Installation of Fire Detection (Addressable, Beam, Aspiration and Alarming System)
12.	Divine Fashion Ltd.	Supply and Installation of Addressable Fire Detection System and Fire Hydrant with Pump Set System.
13.	Panache Knitted Creations Ltd	Supply and Installation of Fire Rated Doors and Addressable Fire Detection System.
14.	Yunusco Group	Supply and Installation of Fire Rated Doors and Addressable Fire Detection System.
15.	Berger Becker Bangladesh Limited	Supply and Installation of Fire Rated Doors, Addressable Fire Detection System, Fire Hydrant System with Pump Set, FM200 Suppression System, AFFF Foam Suppression System and Public Address System.
16.	Runner Plaza	Supply and Installation of Fire Rated Doors, Addressable Fire Detection System and Fire Hydrant with Pump Set System.
17.	Bangladesh Army Auditorium and Conference Hall	Supply and Installation of Addressable Fire Detection System and Fire Hydrant with Pump Set System.



## OUR VALUABLE CLIENT LIST

Sl.	Name of Clients	Service
18.	Meghna Group	Fire Pump
19.	Edison Prime	Supply and Installation of Fire Rated Doors, Addressable Fire Detection System and Fire Hydrant with Pump Set System.
20.	Edison South Serenate	Supply and Installation of Fire Rated Doors, Addressable Fire Detection System and Fire Hydrant with Pump Set System.
21.	Ambit	Supply and Installation of Addressable Fire Detection System and Fire Hydrant with Pump Set System
22.	Rajuk Project	Fire Hydrant with Pump Set System
23.	Helmet Building (Dhaka Cant.)	Supply and Installation of Fire Rated Doors, Addressable Fire Detection System and Fire Hydrant with Pump Set System.
24.	ARTDOC Building (Mymensingh Cant.)	Supply and Installation of Addressable Fire Detection System and Fire Hydrant with Pump Set System, Fire Extinguisher, Exit/Emergency Light
25.	Bangladesh University of Professionals (BUP)	Supply and Installation of Addressable Fire Detection System
26.	Shafiq and brother group	Supply and Installation of Fire Rated Doors, Addressable Fire Detection System and Fire Hydrant with Pump Set System.
27.	Meeknet fashion	Supply and Installation of Fire Rated Doors and Fire Hydrant with Pump Set System.
28.	Elegant group	Supply and Installation of Fire Hydrant with Pump Set System.
29.	Ibrahim knit ware	Supply and Installation of Fire Hydrant with Pump Set System.
30.	Rising group	Supply and Installation of Fire Rated Doors and Fire Hydrant with Pump Set System.
31.	Starlink group	Supply and Installation of Fire Rated Doors and Fire Hydrant with Pump Set System.
32.	Ananto Aparels	Supply and Installation of Addressable Fire Detection System and Fire Hydrant with Pump Set System, Fire Extinguisher, Exit/Emergency Light
33.	Oil indursting	Supply and Installation of Fire Hydrant with Pump Set System.
34.	Techno fiber	Supply and Installation of Fire Hydrant with Pump Set System.
35.	Modern Plywood & Wood Processing Co. Ltd	Supply and Installation of Addressable Fire Detection System and Fire Hydrant with Pump Set System. Safety plan approval from FSCD
36.	Bangladesh & Korea Friendship Hospital	Supply and Installation of Addressable Fire Detection System and Fire Hydrant with Pump Set System. Safety plan approval from FSCD.
37.	Institute of Public Health	Supply and Installation of Addressable Fire Detection System



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