



## ALRAEDY ENGINEERING CO.



NAFFCO Sole Distributor



الموزع المعتمد لنافكو

مقاولات عامه - أنظمة السلامة و مكافحة الحرائق

General Contract – Safety and Firefighting  
Systems

العراق - البصرة - تقاطع مستشفى الجمهوري  
الإمارات العربية المتحدة - دبي  
U.A.E - Dubai  
[www.alraedy.com](http://www.alraedy.com)



شركة الرائد الهندسية

ALRAEDY ENGINEERING CO.



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق

# ALRAEDY ENGINEERING COMPANY

## OUR PASSION

## PROTECT AND SAVE YOUR LIFE



شركة الرائد الهندسية

ALRAEDY ENGINEERING CO.



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق

## TABLE OF CONTENTS

1. COMPANY PROFILE
2. ORGANIZATION REVIEW
3. DETAILS OF COMPANY WE REPRESENT
4. OUR MAJOR PROJECTS
5. CERTIFICATES OF APPROVAL
6. SOME OF OUR ACTIVITIES
7. OUR PRODUCTS



شركة الرائد الهندسية

ALRAEDY ENGINEERING CO.



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق

# COMPANY PROFILE



شركة الرائد الهندسية

ALRAEDY ENGINEERING CO.



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق

## Company Profile

Thank you very much for giving us an opportunity to introduce us. We are one of best companies in general contracts and firefighting suppliers.

ALRAEDY ENGINEERING COMPANY which is classified as fourth – construction, was established in 1987 as contractor bureau, in 2003 the office develop to a company. It has more than 20 years in civilian, electrical and mechanical works and implemented more than 170 projects in all regions of Iraq. The company is become the main sole distributor for **NAFFCO** company with a vision to be the world's most recognized fire Protection Company through quality and development to save lives and properties. It is providers of firefighting equipment, fire protection systems, fire alarms, security system and safety engineering under one proof.

The numerous projects executed by ALRAEDY ENGINEERING COMPANY in both the private and government sectors throughout the Iraq are classic examples of its professional competency. These projects include residential buildings, commercial edifices (e.g. schools, hospitals, malls, sports stadiums, etc.), industrial manufacturing plants, power generation stations, and oil and gas facilities. As a provider of total fire protection systems ALRAEDY ENGINEERING COMPANY undertakes turnkey projects from design, supply, installation, testing and commissioning of various systems like fire detection, fire alarm, fire suppression, and firefighting systems which our customers find it very convenient to have all their system requirements under one roof.



شركة الرائد الهندسية

ALRAEDY ENGINEERING CO.



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق

## RANGE OF SYSTEMS:

Dry & Wet Standpipe	Sprinkler
Deluge	Pre-Action
Foam	FM-200 Clean Agent
Carbon Dioxide	Pro-Inert
Micro Mist	VESDA
Wet Chemical	Suppression Gas Detection
Fire Alarm (Addressable & Conventional)	Emergency Lighting
Voice Evacuation	CCTV & Surveillance
Access Control	Video Smoke Image Detection
Intruder Alarm	Public Address
Fire Fighting Pump (End Suction Centrifugal, Horizontal Split Case, Vertical Turbine, Vertical Multi-Stage Centrifugal Jockey Pump and Regenerative Turbine Jockey Pump).	

## PRODUCTS

Fire Extinguishers (CO <sub>2</sub> , Dry Powder, Foam, Water, Wet Chemical and HFC-236)	Cabinets & Hose Reels
Fire Hydrants (all types)	Valves (all type)
Pipe & Fittings	Rescue Devices
PPE (Personal Protective Equipment)	Fire Doors
Fire Trucks, Ambulances, Rescue & Platform Vehicles	



شركة الرائد الهندسية

ALRAEDY ENGINEERING CO.



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق

# ORGANIZATION REVIEW





شركة الرايدي الهندسية

ALRAEDY ENGINEERING CO.



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق

## STRUCTURE AND ORGANIZATION

**Registered Office Address:**

**Al-Raedy Engineering Company**

**Basrah St. , Basra, Iraq**

**Iraq – Tel : +964 780 100 1910**

**Iraq – Tel : +964 772 614 3999**

**Dubai – Tel : +971 50 480 7115**

**E-mail: info@alraedy.com**

**akinhar@yahoo.com**

**altayyeb@alraedy.com**

**Description of Firm:**

**General Contracts, Civil Engineering, Fire  
Fighting Equipment, Supply and Installing  
in all types of Buildings, Oilfield, etc.**

**Number of Years' Experience:**

**Civil Engineering:**

**20 years**

**Safety and Fire Fighting:**

**17 years**



**Staff**

The company depends on managing and undertaking its projects on a diverse team that contains long experience and top academic certificates that qualifies it to successfully complete its projects with international engineering standards. Not only that, but the company insisted on training and developing its staff through courses and workshops within specialized academies.

#	Specialization	No.
1	Project manager	2
2	Mechanical engineer	1
3	civil engineer	1
4	Electrical engineer	2
5	Safety engineer	4
6	IT engineer	2
7	Mechanical technician	3
8	Electrical technician	5
9	Accountant	2
10	Lawyer	1
11	Worker	6



**NAFFCO**

شركة الرائد الهندسية

**ALRAEDY ENGINEERING CO.**



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق



**NAFFCO**

PASSION TO PROTECT





شركة الرائد الهندسية

ALRAEDY ENGINEERING CO.



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق

In Iraq we present

## NAFFCO (National Fire Fighting Manufacturing Co.)

NAFFCO is the first firefighting manufacturing company in all of United Arab Emirates. NAFFCO have huge manufacturing plant in the Jebel Ali Free Zone where they manufacture a huge range of products. NAFFCO is an ISO 9001 certified company through BVQI, LPCB and UL.

### The Approvals

NAFFCO manufactures all its items according to the latest international standards. Fire Extinguisher are made in accordance with BS EN 3 and approved by KITEMARK and SABS. They also conform to NFPA (National Fire Protection Association) and Civil Defense requirements.

NAFFCO is also a member of NFPA. National Safety Council, Fire Extinguisher Trades Association and British Standards Institution.





شركة الرائد الهندسية

ALRAEDY ENGINEERING CO.



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق

# OUR MAJOR PROJECTS

N.	PROJECT	SCOPE	REMARKS	DATE
1	Heavy Engineering Equipment State Company	Foam Tank Chamber	Supply	2023
2	New Nuclear Medical Ward Project	FM200 Systems	Supply and Installation	2023
3	TAS	Supply coverall suite	Supply	2022
4	Ministry of Electricity	Fire Pumps and Cabinets	Supply and Installation	2022
5	Basra Oil Company	Landing Valve	Supply	2022
6	Basra Oil Company	Road Barrier	Supply	2022
7	The General Company for Petrochemical Industries	Fire Alarm System	Supply and Installation	2022
8	Espresso Coffee Shop	Fire Fighting System	Supply and Installation	2022
9	Science University	Fire Fighting System	Supply and Installation	2022
10	Hyundai CO. – South Oil CO	Fire Fighting pump	Supply and installation	2022
11	Cancer Hospital	Fire Fighting equipment	Supply	2022
12	Basra University Hospital	Fire Fighting System	installation Only	2021
13	Al-Hartha Hospital	Fire Fighting System	Supply and installation	2021
14	Albata Hospital	Fire Alarm System	Supply and installation	2021
15	Collage of Medicine	Fire Alarm System	Supply and installation	2021
16	Toke Alrian CO	Fire Fighting equipment	Supply	2021
17	Toyota CO	Fire Fighting System	Supply and installation	2021
18	Al-Farahidi Hospital	Fire Doors	Supply and installation	2021
19	Al-Farahidi University	Fire extinguishers	Maintenance	2021
20	Taiez Co	Fire Alarm System and Fire equipment	Supply and installation	2021
21	South Oil Co	breathing ventilator	Supply	2021
22	Prim Power Co	Fire Fighting equipment	Supply	2021
23	Al-Konoz Univesity	Fire Fighting equipment	Supply	2021
24	Samsung Work Shop	Fire Fighting System	Supply and Instillation	2021
25	KAR CO.	Safety equipment	Supply	2021
26	Al-Bara Oil Co.	Safety equipment	Supply	2021
27	Medical Building	Fire Fighting System	Supply and Instillation	2021

28	Al-Bara Gas Co.	Fire hose cabinets	Supply	2021
29	Prime Metro Power	Firefighting Equipment	Supply	2021
30	<b>Al-Isawy Shop Center</b>	<b>Fire Fighting System</b>	<b>Supply and Instillation</b>	<b>2020</b>
31	Al-Maaqal University	Fire Fighting System	Supply and Instillation	2020
32	Dar AL-Shifaa Investment Hospital	Firefighting Equipment	Supply and Instillation	2020
33	Al-Kunooze University Colloge	Firefighting Equipment	Supply and Instillation	2020
34	AL-Nokbah Laboratory building	Fire Fighting System	Supply and Instillation	2020
35	Lafarge Co./ Karbal	Firefighting Equipment	Supply	2020
36	Al-Sanii Building	Fire Fighting System	Supply and Instillation	2020
37	Basra Oil Co.	Foam Bladder Tank	Supply	2020
38	KAR Co.	Safety equipment	Supply	2020
39	Oil Project Co.	Safety and Firefighting equipment	Supply	2020
40	Basra Mass Co.	Fire Alarm Basra Cinema	Supply and installation	2020
41	Horizon hotel	Wet Chemical firefighting System	Supply and installation	2019
42	Albahaa CO. for printing	Fire pump 5 Bar	Supply and installation	2019
43	State Company For Iron and Steel	CO2 firefighting System	Supply and installation	2019
44	Basra Mass Co.	CO2 firefighting System	Supply and installation	2019
45	Iraqi Drilling Co.	3 fire pumps	Supply & Maintain	2019
46	Karbala Cancer Hospital	Safety Equipment	Supply Only	2019
47	Kuwait Energy Co.	FM200 Firefighting System	Supply and Maintain	2019
48	Iraqi Drilling Co.	Safety Equipment	Supply Only	2019
49	Basra Oil Company	Firefighting System	Supply	2019
50	Iraqi Drilling Co.	6 fire pumps	Supply Only	2019
51	Basra Mass Co.	Fire Alarm Basra Cinema	Supply and installation	2019
52	Imam Hussein Hospital	Fire Pump 350GPM	Supply Only	2019
53	Black Sea Company	IG Firefighting system for The Site	Supply and installation	2019
54	Basra Mass Co.	Kitchen hood systems	Supply and installation	2018



55	Baghdad Co.	Fire alarm system	Supply and installation	2018
56	NPS Company	Firefighting system	Supply and installation	2018
57	Iraqi Drilling Co.	Supply two fire pumps	Supply Only	2018
58	Iraqi Drilling Co.	Supply two fire pumps	Supply and Installation	2018
59	Ministry of Defense	Supply Ambulance	Supply	2018
60	NPS Company	Firefighting and fire alarm systems	Supply and installation	2017
61	Basra Stores	Firefighting system	Supply and installation	2017
62	Lafarge Company	Safety and protection equipment	Supply	2017
63	Basra Mass Co.	Firefighting and fire alarm systems for Horazone Hotel	Supply and installation	2017
64	Basra Center Mall 2	Fire alarm system	Supply and installation	2017
65	Basra Bowling Center	Fire alarm system	Supply and installation	2017
66	Qiewan Co. -Sulymaneya	Firefighting and fire alarm systems for Qiewan Tower	Commissioning and Testing	2017
67	Arbil Airport	7 Kitchen Hood Systems	Installation and Testing	2016
68	Kuwait Energy Co.	FM200 Firefighting System	Supply and installation	2016
69	Basra Times Sq. Mall	FM200 Firefighting System	Supply and installation	2016
70	Petronas Co.	Fire Fighting Vehicle	Supply one vehicle	2016
71	Petrojet Co.	FM 200 firefighting system	Supply and installation 2 unites	2016
72	Egypt Sun Co.	Firefighting pump	Supply and installation	2016
73	Basra Mass Co.	Fire alarm systems 2 unites	Supply and installation	2016
74	Basra Center Mall	Fire alarm systems 4 unites	Supply and installation	2016
75	Basra Gas Co.	Hazmit & Training Vehicles	Supply 4 Vehicles	2015
76	Britam Co.	Firefighting and fire alarm systems	Supply and installation	2015
77	Shell Co.	Safety and protection equipment	Supply	2015
78	South oil Company/ Ministry of oil	Exhaust Fan, Fire Extinguisher	Supply	9/2015
79	Basra Police Department	Design and Supply of FM-200 System	Supply and installation	5/2015
80	South oil Company/ Ministry of oil	400 lit Foam, Cabinet	Supply	3/2014
81	State Company for Ports of	20 Firefighting Vehicle	Supply	1/2014



	Iraq			
82	Missan Oil Company - Missan	H2S Detector	Supply	7/2014
83	Korak Company - Wasit	Firefighting Equipment	Supply	3/2014
84	Iraqi Drilling Company - Missan	Powder Fire Extinguisher	Supply	1/2014
85	EMC	Fire hose, Cabinets, Fire Extinguisher , Safety Equ.	Supply	2/2014
86	Nawaeer Al Khair	Hydrant Cabinets	Supply	2/2014
87	BAKER HUGHES	Fire Hydrant	Supply	1/2014
88	SKA	Design and Supply Fire pump system	Supply and installation	9/2014
89	Basra Mas/ Marine	Fire alarm system	Supply and installation	9/2014
90	Basra Mas/ Marine Building	Fire alarm system	Supply and installation	7/2014
91	SCHLUMBERGER	Fire Extinguisher	Supply	12/2013
92	Bazerkhan power station - Missan	Design and Supply of FM-200 System	Supply and installation	11/2013
93	Diesel power station – North Missan	Firefighting Equipment	Supply and installation	9/2013
949	kahlaa power Station – Missan	H2S Detector	Supply	8/2013
95	DhiQar post office - DhiQar	Supply Fire Alarm System	Supply and installation	8/2013
96	Missan Oil Company - Missan	Firefighting Equipment	Supply	7/2013
97	Missan Oil Company - Missan	Multi H2S Detector, H2S	Supply	6/2013
98	Missan Oil Company - Missan	Firefighting equipment ( Dry powder, CO2, Foam)	Supply	5/2013
99	Alraidh Company –kerbala / Najaf	Pumps 9 bar, Firefighting Materials	Supply	4/2013
100	Alraidh Company –kerbala / Najaf	Pumps 5 bar, Firefighting Materials	Supply	1/2013
<b>101</b>	<b>Ministry of Health</b>	<b>620 Ambulance Car</b>	<b>Supply</b>	<b>10/2013</b>
102	Kor Alzoher Power	Design and supply fire alarm	Supply and installation	9/2013
103	PETROCHINA	Fire Extinguisher (Foam, Powder, CO2)	Supply	4/2013
104	LUKOIL	Firefighting Vehicle	Supply	1/2013
105	BAKER HUGHES	Design and Supply Fire Pump system,	Supply and installation	12/2013

106	Eni Saipem	Fire Extinguisher (Dry Powder, Foam)	Supply	12/2013
107	Gulf Company	Design and supply fire alarm system, Firefighting	Supply and installation	4/2013
108	Alfihai Company	Design and Supply Fire pump system and Fire alarm system	Supply and installation	8/2013
109	Basra Governorate Council	Design and Supply Fire pump system and Fire alarm system	Supply and installation	5/2013
110	The Directorate production of electrical energy	Design and Supply of FM-200 System	Supply and installation	4/2013
111	Alhayanih storage	Design and Supply Fire pump system	Supply and installation	10/2012
112	Alhayanih storage	Design and supply fire alarm system	Supply and installation	5/2012
113	Iraqi Drilling Company	Fire Pump	Supply	4/2012
114	Iraqi Drilling Company - Missan	CO2 and Powder Fire Extinguisher	Supply	12/2012
115	Wasit Sector - Wasit	Firefighting Pump equipment (Fire monitor, Wet hydrant, Get valve)	Supply	11/2012
116	Bazerkhan power station - Missan	Firefighting equipment ( Dry powder, CO2, Foam)	Supply	8/2012
117	Bazerkhan power station - Missan	Safety equipment	Supply	7/2012
118	State Company for Fertilizer	Safety equipment	Supply	10/2011
119	South oil Company/ Ministry of oil	Fire Extinguisher	supply	6/2011
120	Oil Products Distribution Company	Artificial ventilator, Ventilator, H2S	Supply	3/2011
121	Kor Alzoher Power station	Design and supply fire alarm system	Supply and installation	1/2011
122	South oil Company/ Ministry of oil	Fire Hydrant	supply	3/2010
123	Iraqi Drilling Company - DhiQar	Firefighting equipment ( Dry powder, Co2, Foam)	Supply	8/2010
124	State Company for Ports of Iraq	6 Firefighting Truck and 4 Firefighting Water Tank	Supply	10/2009
125	Ministry of Industry	Firefighting Pipe Line	Supply and installation	1989



شركة الرائد الهندسية

ALRAEDY ENGINEERING CO.



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق

# CERTIFICATES OF APPROVALS

## **CERTIFICATES OF APPROVALS**

1. Certificate submitted by NAFFCO approved that ALRAEDY ENGINEERING CO. is the Sole Distributer of NAFFCO in IRAQ.
2. Certificate submitted by Basra Director of Civil Defiance to approve that Mr. SAEED KADHIM has Practical and scientific experience to do the following:
  - Design, installation, and commissioning, and repairing all types of fire alarm system
  - Fire investigation, fire lose and causes, and fire preventions
  - Training of fire brigades fireman and safety groups with all equipment's
  - Repair and maintenance all the firefighting equipment's.
3. OSHA certificate approved that Dr. ALTAYYEB ABDULLAH accomplished training course in Occupational Safety and Health Standards for Construction Industry.
4. Certificate submitted by NAFFCO to approve that Dr. ALTAYYEB ABDUULAH and Mr. WALLED ABDULLAH had accomplished training for Operation Fire Pump Systems.
5. Certificate of appreciation submitted by NAFFCO to ALRAEDY ENGINEERING CO. approved our outstanding Contribution and Excellent Sales Performance in 2014-2015.
6. Certificate of appreciation submitted by DIGINETS MANAGEMENT SERVICES approved that Mr. WALLED ABDULLAH accomplished Sales Master Class Workshop.
7. Certificate of appreciation submitted by HOJV BASRA WATER SUPPLY IMPROVEMENT PROJECT to ALRAEDY ENGINEERING CO. approved our outstanding performance and the great effort to support HOJV safety department at Basra Water Supply Improvement Project.
8. Certificate of appreciation submitted by NAFFCO to ALRAEDY ENGINEERING CO. as the Excellent Support and Cooperation to the Fire Fighting Industry for 2016 -2017.



NAFFCO

شركة الرائد الهندسية

ALRAEDY ENGINEERING CO.



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق



## DISTRIBUTION AUTHORIZATION LETTER

We, National Fire Fighting Manufacturing FZCO, Dubai- United Arab Emirates, manufacturer of firefighting products, systems and equipment under "NAFFCO" brand name, hereby authorize.

M/s Al Raedy Engineering Co.  
Basrah- Iraq  
MOB +964 780 100 1910  
Eng. Abdullah Kinhar (Managing Director)

نحن الشركة الوطنية لصناعة معدات مكافحة الحريق ش.م.ح  
إدبي - الإمارات العربية المتحدة. مصنعين لأنظمة الإطفاء  
ومكافحة الحريق، تحت العلامة التجارية NAFFCO، قد  
فوضنا

شركة الرائد الهندسية

البصرة - العراق

موبايل +9647801001910

المهندس /عبدالله كنهار(مدير عام )

As one of our distributors in South of Iraq to market and supply all Fire Fighting equipment manufactured and supplied by National Fire Fighting Manufacturing FZCO under the brand name "NAFFCO" in Basra.

This authorization shall take effect from 1<sup>st</sup> January 2023 up to 31<sup>st</sup> December 2024, and to be renewed by mutual consent in writing from both parties, for another two years, at the expiration of this authorization.

كأحد الموزعين المعتمدين لدينا في جنوب العراق لترويج وبيع

منتجاتنا، والمصنعة من قبلنا "الشركة الوطنية لصناعة معدات

مكافحة الحريق ش.م.ح" تحت العلامة التجارية NAFFCO.

يعتبر هذا التفويض صالحا للعمل فيه اعتبارا من تاريخ 2023/1/1 حتى 2024 /12/31، على أن يتجدد عند إنتهاء صلاحية هذا التفويض لمدة سنتين اضافيتين بموافقة الطرفين خطيا.

For National Fire Fighting Manufacturing FZCO

Samer Hennawi



National Fire Fighting Manufacturing FZCO ش.م.ح الشركة الوطنية لصناعة معدات مكافحة الحريق ش.م.ح  
PO Box 17014, Dubai, United Arab Emirates. Tel.: +971 4 815 1111, Fax: +971 4 815 1222, E-mail: info@naffco.com, www.naffco.com  
شركة ذات مسؤولية محدودة تأسست بموجب القانون رقم ٢ لسنة ١٩٨٦ ويقتا لائحة التنفيذية رقم ١ لسنة ١٩٩٩  
Formed pursuant to law no 2 of 1986 & implementing regulation no 1 of 1999 with limited liability.





**NAFFCO**

**شركة الرائد الهندسية**

**ALRAEDY ENGINEERING CO.**



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق



**OUR ACTIVITIES**





شركة الرائد الهندسية

ALRAEDY ENGINEERING CO.



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق



**Certificate of appreciation by  
NAFFCO CEO  
Eng. Khalid Al Khatib**

**Presentation of Safety and  
Firefighting System in NPS Co.**



**Participant in Basra  
International Fairgrounds**



## Lecture about new Firefighting Systems



## Signed the Contract with the TECO. To Installation the firefighting System of AL-Basra University Hospital

## Supply 20 Firefighting Vehicles for Iraqi Port





**Supply 8 Mobile Clinics for Ministry of Health**

**Supply 620 Ambulances for Ministry of Health**



**Supply Two High Tension Electrical cable maintain Vehicles for Ministry of Electric**





شركة الرائد الهندسية

ALRAEDY ENGINEERING CO.



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق

### Supply 20 Firefighting Vehicles for Iraqi Port



### Supply and Installation Firefighting Pump for KAS Co.

### Supply and Installation Firefighting Pump for Basra Government Building





شركة الرائد الهندسية

ALRAEDY ENGINEERING CO.



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق



**Supply and Installation Firefighting Pump for KPS**

**Supply and Installation Firefighting Pump for EMC**



**Supply and Installation Alarm Firefighting System for ALBATAT Hospital**







# شركة الرائد الهندسية

## ALRAEDY ENGINEERING CO.



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق



مستشفى دار الشفاء الاستثماري

# للصحة يد ترعاها

**Supply and Installation  
Firefighting Equipment's of  
Dar AL-Shifaa Investment  
Hospital**

**Supply and Installation  
4 Fire fighting Pumps  
for Al-Maaqal  
University**



**Supply 2 Foam Tank  
Chamber for Basra Oil  
Company**



شركة الرائد الهندسية

ALRAEDY ENGINEERING CO.



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق

## Supply and Installation Fire Fighting System of Al-Esawi Shop Center







شركة الرائد الهندسية

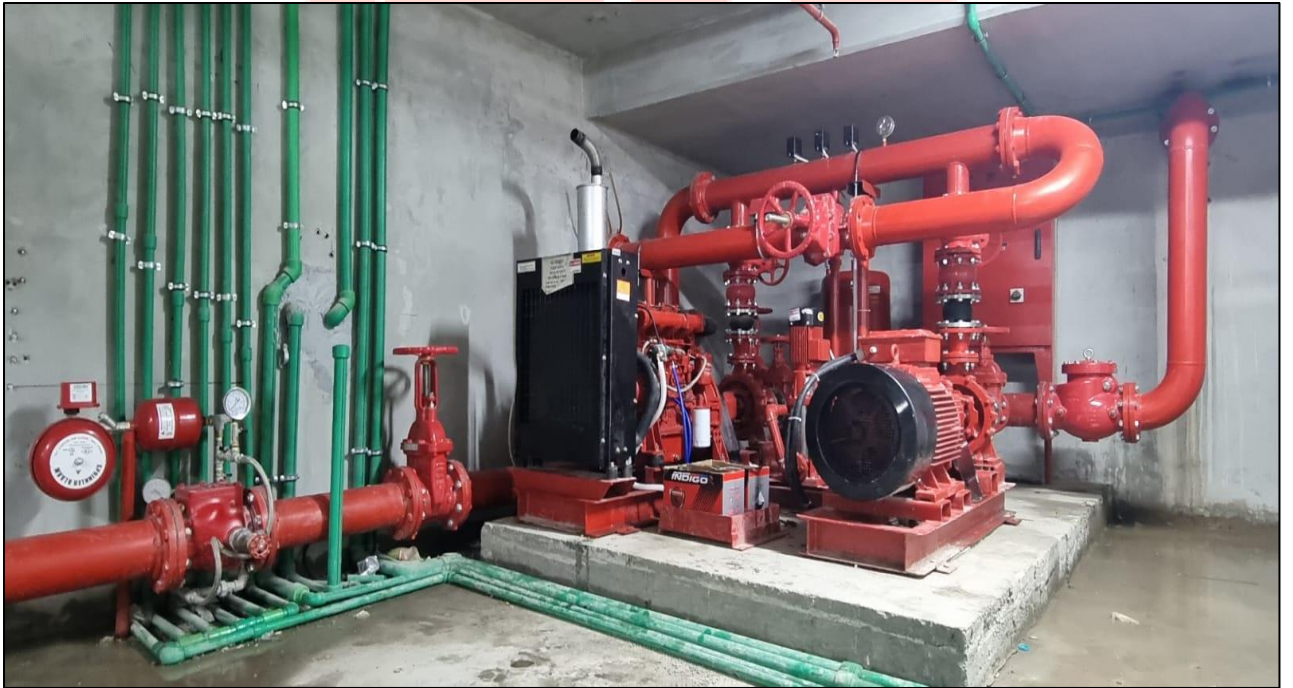
ALRAEDY ENGINEERING CO.



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق







شركة الرايدي الهندسية

ALRAEDY ENGINEERING CO.



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق

## Installation Fire Fighting System of Al-Basra University Hospital







**NAFFCO**

**شركة الرائد الهندسية**

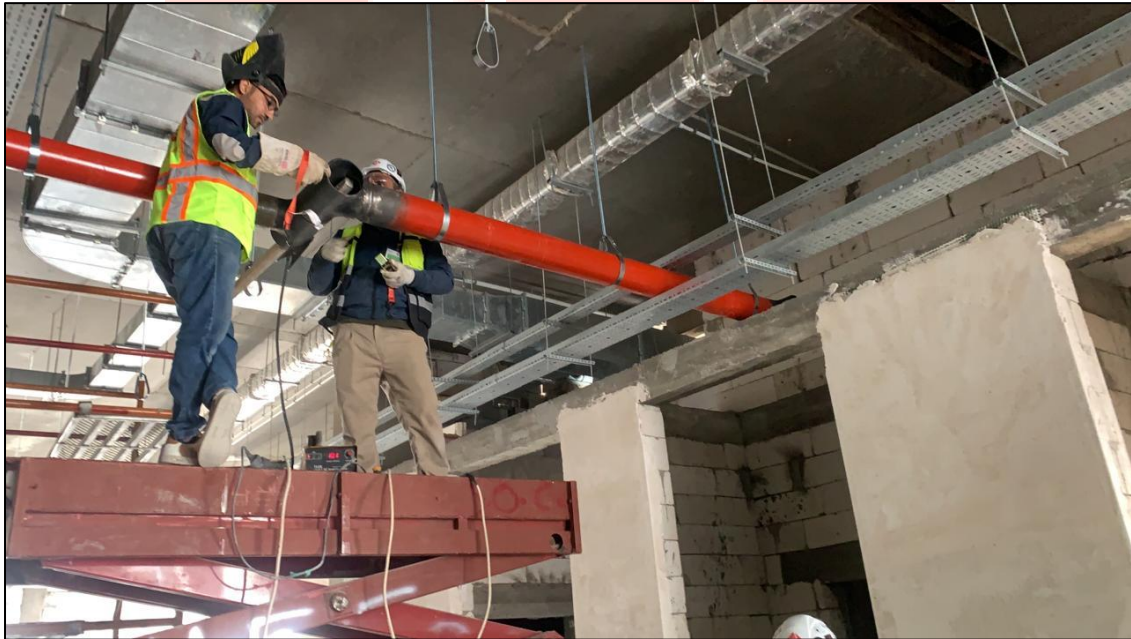
**ALRAEDY ENGINEERING CO.**



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق







شركة الرائد الهندسية

ALRAEDY ENGINEERING CO.



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق

## Installation Fire Fighting Pump of HYUNDAI Co. / South Refineries Co. / ALSHUIBA







شركة الرائد الهندسية

ALRAEDY ENGINEERING CO.

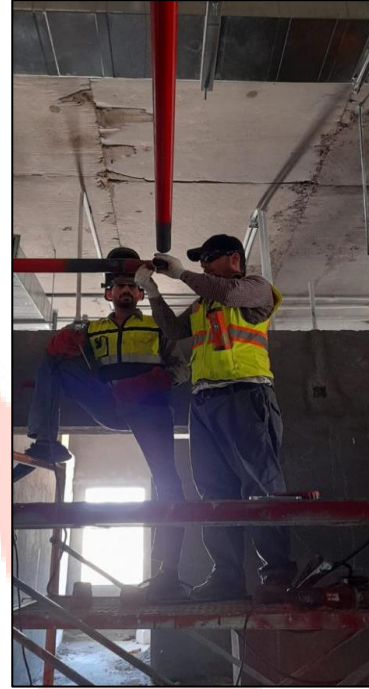


NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق

## Supply and Installation Fire Fighting System of Al-HARTHA Hospital





شركة الرائد الهندسية

ALRAEDY ENGINEERING CO.



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق

# OUR PRODUCTS





**NAFFCO**

**شركة الرائد الهندسية**

**ALRAEDY ENGINEERING CO.**



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق



جائزة محمد بن راشد آل مكتوم للأعمال  
MOHAMMED BIN RASHID AL MAKTUM BUSINESS AWARD  
EXPOST 2008  
التميز  
MANUFACTURING 2006  
الصناعة  
MANUFACTURING 2010  
JAFZA



# FIRE FIGHTING EQUIPMENT



THE FIRE PROTECTION SPECIALISTS

### Carbon Dioxide Fire Extinguishers



#### PRODUCT DESCRIPTION

NAFFCO CO<sub>2</sub> gas extinguishers are characterised by their high performance for fires involving an electrical risk like computers, office equipment and generators etc. Co<sub>2</sub> is non conductive, clean and safe, ensuring minimal damage to electrical equipment and furnishings.

Suitable for Class B fire risks.

#### FEATURES

- Carbon dioxide in gaseous agent, colorless, odorless / non-toxic and provide rapid knock down of industrial fire. It is capable of fighting Class B fire effectively
- Kitemark Certified to BS EN3
- Cylinders compliance to council directive 97/23/EC (PED) and Statutory instrument 1999 No. 2001 is certified by BSI (0086)
- Certified by BSI under marine equipment directive
- Seamless steel body (Lightweight)
- High quality polyester paint
- Controlled discharge
- Brass head valve with simple squeeze operations provided with pressure relieve disc
- Rechargeable & easy to service
- Non conductive agent for electrical use without risk to operator
- CO<sub>2</sub> gas disappears quickly leaving no residue
- Swivel horn with no freeze burn, with greater directional control of CO<sub>2</sub> discharge through horn rotation feature
- 2Kg is available with the 55B Fire rating as efficient as 5Kg unit

**Ideal Use:** Chemical manufacturing plant, oil rigs, rail yards, warehouses, construction sites, parking garages, airport, boat and docks, and large laboratories

MODEL NUMBER	NC2	NCS2	NCZ2	NC2A	NC5	NC5X	NC5A	NC5X
Extinguisher Capacity	2kg	2kg	2kg	2kg	5kg	5kg	5kg	5kg
Propellant	Self Propelling							
Fire Rating	34B	34B	55B	55B	55B	70B	55B	70B
Working Pressure	55-60 Bar @ 25 °C							
Maximum Operating Pressure	169 Bar @ 60 °C							
Test Pressure	250 Bar							
Total Weight	8.2kg	8.3kg	8.3kg	4.9kg	17.5kg	17.5kg	14.5kg	14.5kg
Range of Discharge	4-5m	4-5m	4-5m	4-5m	5-6m	5-6m	5-6m	5-6m
Duration of Discharge	8-9 sec	8-9 sec	10-12 sec	10-12 sec	10-12 sec	12-13 sec	10-12 sec	12-13 sec
Hose Length with Nozzle	N/A	N/A	N/A	N/A	750mm	750mm	750mm	750mm
Operating Temperature	-20 °C to +60 °C							
Cylinder Material	Carbon Steel	Carbon Steel	Carbon Steel	Aluminium	Carbon Steel	Carbon Steel	Aluminium	Aluminium
Height x Diameter (in mm)	610 x 101	610 x 101	610 x 101	472 x 111	730 x 139	730 x 139	575 x 159	575 x 159



1. Valve / Extn. Lever
2. Safety Pin with Chain
3. Valve Handle
4. Discharge Horn
5. Syphon Tube





## Dry Powder Fire Extinguishers



### PRODUCT DESCRIPTION

NAFFCO stored pressure type dry powder extinguishers are characterised by their high performance, simple method of operation and rapid fire knock down capability. They are suitable for tackling fires involving freely burning materials, petrol, oil, gas and electrical equipment. They are ideal for vehicle & marine risks. NAFFCO ABC powder extinguishers contain high performance powder and are one of the most powerful powder extinguishers in the world.

### FEATURES

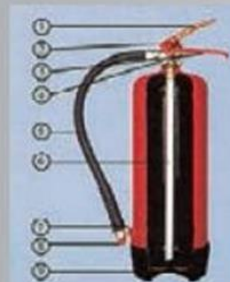
- Monoammonium phosphate based dry chemical agent. Capable of fighting Class A, B, C and E fires
- Kitemark certified to BS EN3
- Cylinders compliance to council directive 97/23/EC (PED) and Statutory instrument 1999 No.2001 is certified by BSI (0086)
- Certified by BSI under marine equipment directive
- High quality polyester paint
- Controlled discharge
- Brass nickel plated head valve with simple squeeze operation
- Unique gauge testing system
- Unique colour coded handle and base (Optional)
- Rechargeable and easy to service
- Choice of capacity from 1 to 12 Kg

**Ideal Use:** Houses, office, buildings, warehouses, farms, wood working area etc.

**Note:** Not recommended for use on expensive and delicate equipment like computers, etc.

MODEL NUMBER	NP1	NP2	NP3	NP4	NP6	NP6	NP9	NP12
Extinguisher Capacity	1kg	2kg	3kg	4kg	6kg	6kg	9kg	12kg
Propellant	95% Nitrogen + 5% Helium							
Fire Rating	8A 34B	13A 70B	21A 89B	21A 113B	34A 183B	43A 233B*	43A 233B	55A 233B
Working Pressure	14 Bar	14 Bar	14 Bar	15 Bar	15 Bar	15 Bar	15 Bar	15 Bar
Maximum Operating Pressure	16.5 Bar @ 60°C							
Test Pressure	30 Bar							
Total Weight	1.8kg	3.7kg	5.8kg	7.5kg	10 kg	14 kg	14 kg	17.8 kg
Range of Discharge	4-5m	5-7m	6-7m	7-8m	6-8m	7-8m	6-8m	6-8m
Duration of Discharge	7-9 sec	10-12 sec	11-12 sec	13-15 sec	18-20 sec	20-22 sec	22-24 sec	28-30 sec
Hose Length with Nozzle	N/A	N/A	395mm	457mm	534mm	534mm	524mm	617mm
Operating Temperature	-20°C to +60°C							
Cylinder Material	CRCA Steel Sheet							
Height x Diameter (in mm)	337 x 78	385 x 110	420 x 132	408 x 150	520 x 150	520 x 150	515 x 185	620 x 185

\*High Fire Rating Using Special ABC Powder



1. Valve / Extn. Lever
2. Safety Pin with Chain
3. Valve Handle
4. Pressure Gauge
5. Discharge Hose
6. Syphon Tube
7. Hose Holder
8. Discharge Nozzle
9. PVC Base



## APPROVED ABC DRY POWDER MOBILE FIRE EXTINGUISHER

### PRODUCT DESCRIPTION:

NAFFCO Mobile stored pressure ABC Dry powder extinguishers are characterized by their high performance and simple method operation. The ABC Dry powder Mobile type extinguisher contains high performance powder and thus has achieved highest fire rating.

They are suitable for multipurpose application of fires involving free burning materials, flammable liquids, flammable gases and electrical equipment.

Effective for Class A, B, C & Electrical fires



### FEATURES:

- The fire extinguishers are designed to comply all the specification requirements of BS EN 1866-1
- Kitemark & LPCB approved for different capacity extinguishers.
- Highest fire rating due to high performance ABC powder.
- Ready for instant use and simple to operate.
- Fully controlled and easy operation by rust free brass valve.
- Cart and cylinder are made of rugged steel and welded to meet extreme use conditions.
- Easily transportable & Field rechargeable.
- Highly visible pressure-indicating gauge.
- Externally coated by Electrostatic powder painting after shot blasting ensures maximum corrosion resistance.
- Brass nickel plated head valve with simple lever operation.

Model	NTP 25	NTP 50	NTP 100
Extinguisher capacity	25 Kg	50 Kg	100 Kg
Fire Rating	II B	IV B	IV B
Working Pressure	18 Bar	18 Bar	18 Bar
Maximum Working Pressure	21 Bar	21 Bar	21 Bar
Test Pressure	30 Bar	30 Bar	30 Bar
Total Height	990 mm	1060 mm	1050 mm
Total Weight	63 Kg	100 Kg	172 Kg
Range of Discharge	7-9m	7-9m	8-9m
Duration of Discharge	25-30 Sec	47-55 Sec	85-90 Sec
Operating Temperature	-20° C to +60°C	-20° C to +60°C	-20° C to +60°C
Propellant	Nitrogen	Nitrogen	Nitrogen
Hose size & Length	16mm x 5 mtr	16mm x 5 mtr	16mm x 7 Mtr
Material	Hot rolled Annealed steel plate		





**NAFFCO**

**شركة الرائد الهندسية**

**ALRAEDY ENGINEERING CO.**



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق



جائزة محمد بن راشد آل مكتوم للأعمال  
MOHAMMED BIN RASHID AL MUKTUM BUSINESS AWARD  
السنة 2009  
MANUFACTURING 2006  
الصناعة  
MANUFACTURING 2010  
الصناعة  
A.T.T.A.

# FIRE PUMPS



THE FIRE PROTECTION SPECIALISTS

### NAFFCO FIRE PUMP SET NPS SERIES

This package consists of one main pump coupled to electric motor, one stand by pump coupled to diesel engine, jockey pump, pressure vessel, controller(s) for manual or automatic operation of the system and standard accessories on base frame(s). The electric pump shall be End Suction or Single Stage Horizontal split case or Horizontal multi stage centrifugal depending on the System capacity and head requirements. Electric motor is squirrel cage induction type and foot mounted suitable for 3 phases, with required horse power rating. The diesel engine is fixed on the base with anti-vibration rubber pads and the pump is directly coupled to a diesel engine through flexible coupling. According to the power output of the engine the electrical system can be either 12V or 24V DC.

The diesel engine consists of alternator, starter motor, fuel system, lubricating system, exhaust system, etc. The jockey pump is vertically mounted multi stage pump close coupled to TEFC, 3 phase motor. The controller shall be either common or individual (Electric, Diesel & Jockey) fabricated from mild steel and electrostatic powder coated to grey color. The enclosure is IP 54 rated and having all the required controls complying with the applicable standard (Local Jurisdiction Authority requirements). The standard Fire Pump set will be complete with pressure switches, pressure gauge, suction & discharge manifolds with gate valves, non-return valves, flexible connectors and battery for diesel engine. Pumps are mounted on strong individual or common base frame(s) of mild steel and painted red. This Fire Pump set is designed to be installed with the following Fire Protection Systems.

- Hose Reel System      • Combined System.
- Deluge System (with modifications)      • Stand Pipe System.
- Water Spray System      • Sprinkler System.

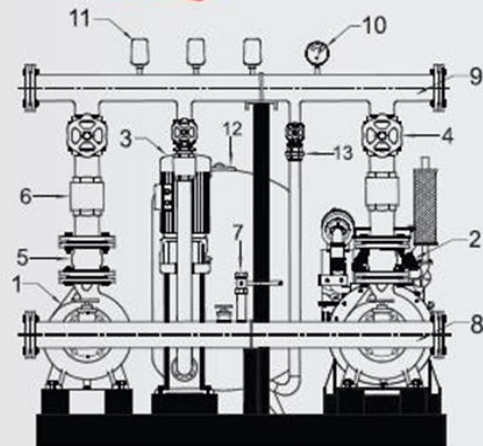
#### Range for fire pump set model NPS series

Flow Rate	Pressure
300 - 2500 US GPM	5 - 18 Bar

Note: Higher ranges are available upon request



DESCRIPTION	
1.	ELECTRIC PUMP SET
2.	DIESEL PUMP SET
3.	JOCKEY PUMP
4.	GATE VALVE
5.	FLEXIBLE COUPLING
6.	NON RETURN VALVE
7.	BALL VALVE
8.	SUCTION MANIFOLD
9.	DELIVERY MANIFOLD
10.	PRESSURE GAUGE
11.	PRESSURE SWITCH
12.	PRESSURE VESSEL
13.	UNION



FRONT VIEW





**NAFFCO**

**شركة الرائد الهندسية**

**ALRAEDY ENGINEERING CO.**



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق



**MEDIUM DUTY FIRE FIGHTING VEHICLE**  
NFM 60/50 - DC





**NAFFCO**

**شركة الرائد الهندسية**

**ALRAEDY ENGINEERING CO.**



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق







**NAFFCO**

شركة الرائد الهندسية

**ALRAEDY ENGINEERING CO.**



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق

**BULL Dozer**

To Secure the Safety of Work Force Worldwide

**SAFETY & RESCUE**

**NAFFCO**

# شركة الرائد الهندسية

**ALRAEDY ENGINEERING CO.**

NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق

## Fireman Gear



The ultimate fire & rescue helmets comfortable fire helmets

### Thermoplastic LTX Helmets

Using the latest in engineering advancements, Bullard has developed the most comfortable low profile fire helmet on the market. With the re-engineered LT Series Helmet, you'll find more headroom than ever before. This advanced, lightweight thermoplastic structural fire helmet eliminates excess weight, reducing the stress and fatigue associated with bulkier helmets, without sacrificing protection

### Features:

- Generous headroom
- Streamlined design
- Flexibility
- Compact package
- Sure Ratchet headband
- Tough and durable
- Quick, easy sizing
- Easy eye protection
- Cost effective

Note: Fire Helmets are available in different compositions like fiberglass, thermoplastic etc

Our fire helmets are NFPA compliant and have been certified to NFPA by safety Equipment Institute (SEI). NFPA compliance details are already mentioned on the label of each helmet. find out more about NFPA, check page 033-034.

Model	Product	Material	Color	Compliance
LTX	Fire Helmet	Thermoplastic	BL/RE/WH/YE/BU/OR/LY	NFPA1971, 2001
FXE	Fire Helmet	Fiberglass	BL/RE/WH/YE/BU/OR/LY	NFPA1971, 2001
Magma	Fire Helmet	Glass Fiber	RE/BL/WH/YE/BU/LY	EN443, EN14458, EN469
FH	Wildfire Helmet	Thermoplastic	BL/RE/WH/YE/BU/OR/LY	NFPA1977, 2005
USRX	Rescue Helmet	Thermoplastic	BL/RE/WH/YE/BU/OR/LY	NFPA1971, 2001
A1	Rescue Helmet	2Point chinstrap	RE/WH/YE/BU/OR	ANSI289.1- 2003
A2	Rescue Helmet	3Point chinstrap	RE/WH/YE/BU/OR	ANSI289.1- 2003

BL - Black/RE - Red/WH - White/YE - Yellow/BU - Blue/OR - Orange/LY - Lime Yellow



### Safety Blankets

**AJ075** - Used in emergency and rescue services to help protect against flame, treat shock or to smother flames on clothing. The flame resistant fiber is acid & high temperature resistant, 60"x80"

**J61901** - Made of 100% wool and can be cleaned, 66"x90" used by rescue vehicles

**AK242** - Helps the patient to be warm & dry providing insulation to retain body heat. Made of laminated urethane foam, 54" x80"

Model	Product	Material	Remarks
AJ075	Safety Blanket	Nomex	Emergency use to protect against flame, shock
J61901	Wool Blanket	Wool	Used in Rescue Vehicles
AK242	Disposable	Urethane Foam	Emergency usage disposable blanket



**NAFFCO**

# شركة الرائد الهندسية

**ALRAEDY ENGINEERING CO.**

NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق

## Personal Gas Detectors

### (04) Personal Gas Detectors

Multi Gas Detectors  
Explosive Gas Detectors  
Dosimeter  
Noise Level Readers  
Chemical Warfare Agent Detectors  
Metal Detection Systems  
Alcohol Detectors  
Ozone Detectors  
Radiation Detectors

Detectors are used by almost all personnel in oil and gas field rescue operations, fire fighting operations, confined space work, confined space rescue operations, waste management, well cleaning etc. detectors range from H<sub>2</sub>S, O<sub>2</sub>, CO, LEL etc to multi gas detectors for different purposes. Detectors will guard you against deadly gases by alerting you at the exact time there is a risk. Detectors are maintenance free, lightweight and come with calibration kits which can be modified to your requirements.



### Points to note

Our feature rich detectors are designed for ease of use with field proven sensor technology.

- Long, status-at-a-glance displays
- Intelligent, automatic calibration—simply apply gas (the instrument checks that the calibration gas applied meets expected parameters)
- Unique, full function self-test verifies the integrity of all internal components
- Advanced programming techniques for user-friendly operational features and low training costs
- Data logging—use office standard programs (Excel, Access, etc.) to store, manage and display your data
- Lower maintenance costs
- Easy sensor replacement and field calibration
- Zero-maintenance, portable and fixed instruments
- Portable gas detectors use flexible power sources. Convenient local availability reduces operating costs.
- Local servicing available through authorized dealers.

Model	Detects
<b>100 Day Disposable Gas detectors</b>	
GA100-H	H <sub>2</sub> S
GA100-M	CO
<b>2 Years Maintenance free Detectors</b>	
GA24XT-H	H <sub>2</sub> S
GA24XT-M	CO
GA24XT-S	SO <sub>2</sub>
GA24XT-X	O <sub>2</sub>
<b>3 Years Maintenance free Detectors</b>	
GA36XT-H	H <sub>2</sub> S
GA36XT-M	CO
<b>Single Gas Detector</b>	
GAXT-H	H <sub>2</sub> S
GAXT-S	SO <sub>2</sub>
GAXT-O	NO <sub>2</sub>
GAXT-E	ETO
GAXT-N	NO
GAXT-M	CO
GAXT-C	Cl <sub>2</sub>
GAXT-A	NH <sub>3</sub>
GAXT-V	ClO <sub>2</sub>
GAXT-X	O <sub>2</sub>
GAXT-Z	HCN
GAXT-P	PH <sub>3</sub>
GAXT-G	O <sub>3</sub>
<b>Carbon Monoxide Meter</b>	
CO Probe	CO
<b>Multi Gas Detectors</b>	
Gas Alert Micro Clip	H <sub>2</sub> S, CO, O <sub>2</sub> , LEL
Gas Alert Micro Clip	H <sub>2</sub> S, O <sub>2</sub> , LEL
Gas Alert Micro Clip	CO, O <sub>2</sub> , LEL
Gas Alert Micro Clip	O <sub>2</sub> , LEL
Gas Alert Micro Clip	H <sub>2</sub> S, CO
Gas Alert Micro Clip	LEL
Other combinations are also available along with other detectors	



**NAFFCO**

**شركة الرائد الهندسية**

**ALRAEDY ENGINEERING CO.**



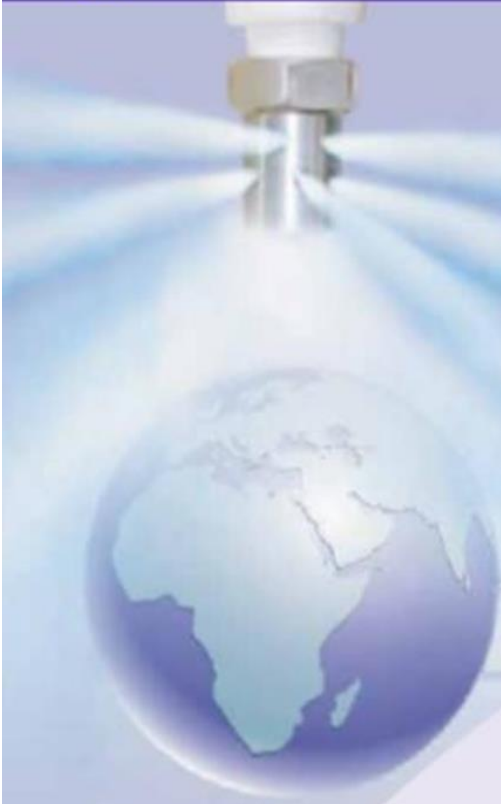
NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق



## FIRE SUPPRESSION SYSTEMS



THE NEW IMPULSE VALVES TECHNOLOGY

## FM-200<sup>®</sup> CLEAN AGENT FIRE SUPPRESSION SYSTEM

PROTECTING WHAT MATTERS MOST



EFFICIENT

CLEAN

PROVEN







NAFFCO

شركة الرائد الهندسية


ALRAEDY ENGINEERING CO.



NAFFCO Official Distributor in IRAQ

30 سنة من التميز

الموزع الرسمي لشركة نافكو في العراق



**SHIELD®**  
*Trusted Worldwide*

## Fire Detection & Evacuation System

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

UL ULC FM

# Remember!

## Your Safety Comes First

**When in Doubt,  
Leave the Fire  
Fighting to the  
Professionals**

