



Quality Empowerment

**Ekhmad Trading Company**  
Fire fighting, Alarm & HVAC Systems  
Merchandising - Services - Maintenance

## Product Book

INNOVATION ACHIVMENTS OVER 15 YEARS

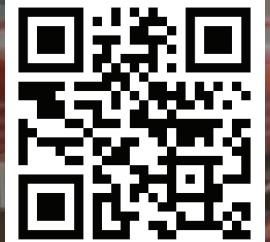


Brand  
Ekhmad

Designed and manufactured with Quality

رؤية ٢٠٣٠  
الملكة العربية السعودية  
KINGDOM OF SAUDI ARABIA

[WWW.EKHMAD.COM](http://WWW.EKHMAD.COM)





## Ekhmad Trading Company

Fire Fighting, Alarm & HVAC Contracting and Trading

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# Company Scope Explanation

## FIRE FIGHTING



A fire fighting system is an activity of prevention during a fire spread in building, home, warehouse, commercial or industries with the use of proper fire safety equipment like extinguisher, hose reels, fire monitors, nozzles and hose pipes. Along with those installation of complete system network to cover large areas to create system that protect and prevent fire disasters.

## H.V.A.C



HVAC systems are designed to move air, heating or cooling an indoor space in the process. These systems generally have three major elements: a heating unit, cooling unit, and duct to move the air. Moreover Engineering explains that an H.V.A.C system starts with the ventilation that brings fresh air into a building in and out refreshing the facilities

## AIR COMPRESSION



Compressed air is a form of stored energy that is used to operate machinery, equipment, or processes. Compressed air is used in most manufacturing and some service industries, often where it is impractical or hazardous to use electrical energy directly to supply power to tools and equipment.

## FIRE DETECTION



Fire alarm system consists of manual pull stations, visual/audible alarm devices and integrated automatic detection devices; addressable smoke detector/sounder bases and heat detectors located in individual sleeping rooms, corridors, common areas and mechanical spaces.

## LOW CURRENT



The Low Current System, also known as the Extra-Low Voltage system, is a branch of Electrical Engineering that deals with systems that operate using low current signals with extra-low voltage. These systems can be found in a variety of settings, from small end points to large central control systems.

## CLEAN AGENT FIRE SUPPRESSIONS



Compressed air is a form of stored energy that is used to operate machinery, equipment, or processes. Compressed air is used in most manufacturing and some service industries, often where it is impractical or hazardous to use electrical energy directly to supply power to tools and equipment.





# Company Introduction

Founded in 2009 under the name Ekhmad Trading Establishment (ETE), Ekhmad Trading Company began its journey as a specialized provider of fire protection products and low current systems. From the outset, our mission has been to deliver high-quality, reliable solutions that ensure safety, security, and operational excellence across diverse environments.

Driven by a commitment to innovation and continuous improvement, we have steadily expanded our capabilities and service offerings. In 2022, we rebranded as Ekhmad Trading Company LLC, marking a strategic transformation that reflects our evolution into a full-spectrum electro-mechanical contracting and trading firm.

Today, Ekhmad Trading Co. provides integrated solutions across the electro-mechanical sector, including product supply, system installation, commissioning, and long-term maintenance. Our services cater to a wide range of sectors residential, commercial, industrial, and healthcare serving hospitals, malls, compounds, and private developments throughout the Kingdom.

What sets us apart is our dedication to quality, technical precision, and client satisfaction. We operate with a customer-centric mindset, supported by a team of highly skilled professionals who bring deep expertise and a collaborative approach to every project. Our systems are designed to meet international standards, including UL and FM approvals, ensuring compliance, durability, and performance.

As we look to the future, Ekhmad Trading Co. remains committed to becoming a leading force in the electro-mechanical industry. We aim to build lasting partnerships, expand our market presence, and continue delivering smart, safe, and sustainable solutions that protect lives and enhance the built environment.



INNOVATION ACHIEVEMENTS  
OVER 15 YEARS

# Products



ekhmad product signified





# Chapter

1

# FIRE FIGHTING SYSTEM



## Ekhmad Product Book

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# Fire Pump System



Ekhmad  
Brand



Qualified  
& Certified



Special  
Request



## SPECIFICATIONS

- ♦ Verticle turbine Pump UL & Non-UL
- ♦ Fire Pump set Eleteric / Disel / Jokey
- ♦ Fire Pump set Eleteric / Electric Jokey
- ♦ Fire Pump set Eleteric / Jokey
- ♦ Fire Pump set Disel / Jokey
- ♦ Available from 50 GMP to 2500 GPM



Fire Pump - Split Case



Fire Pump - End Suction



Fire Pump - Electric Motor



Fire Pump - Disel Engine



Fire Pump - Jockey Pump



Electric End Suction  
Fire Pump Set



Split case Electric  
Fire Pump Set



End Suction Disel Engine  
Fire Pump Set



Splitcase Disel Engine  
Fire Pump Set



# Foam Blader tank

**Model: EK-VFBT****Model: EK-HFBT**

Certified



Special Request

## SPECIFICATIONS

- ♦ Capacity Liter availability from 50 L upto 10,000 L
- ♦ Available from Verticle Horizontal Categories of Tanks
- ♦ Can be used with 2 types of chemicals compositions 3% Comp. & 6% Comp.
- ♦ For complete technical details of tank & chemical compositions please read Foam bladder tank datasheet/catalogue.

**AFFF 3%**Available in Non-UL & UL approved **Chemical Product & Description**

Product Identification	:	AFFF 3%
Application & Use	:	Fire Extinguisher Foam Concentrate
Manufacturer	:	Ekhmad Trading Co.
Product Description	:	Mixture of Hydrocarbon Surfactants, Fluorinated Surfactants & Solvents

**Chemical Composition**

Ingredient	Concentration %	CAS No.	CAS No.
Butyl Di Glycol	2-20	112-34-5	Xi R 36
Metal salt	≤ 5	7487-88-9	
Proprietary Mixture of Hydrocarbon & Flurinated Surfactants	5-20	....	Xi R 36, 37, 38
Water	QS	7732-18-5	

**AFFF 6%****Chemical Product & Description**

Product Identification	:	AFFF 6%
Application & Use	:	Fire Extinguisher Foam Concentrate
Manufacturer	:	Ekhmad Trading Co.
Product Description	:	Mixture of Hydrocarbon Surfactants, Fluorinated Surfactants & Solvents Poly saccharides & Solvents

**Chemical Composition**

Ingredient	Concentration %	CAS No.	CAS No.
Butyl Di Glycol	10-30	112-34-5	Xi R 36
Metal salt	≤ 4	7487-88-9	
Poly saccharides	≤ 5	N/A	
Proprietary Mixture of Hydrocarbon & Flurinated Surfactants	5-20	....	Xi R 36, 37, 38
Water	QS	7732-18-5	



# Fire Hose Cabinets

## Specifications

- Fire Hose reel cabinets
- Fire Hydrant cabinets
- Foam Hose cabinets
- Reel & Rack Verient FHC with Self-Stand type
- Fire Extinguisher cabinets
- Available in Mild Steel Resses/ Surface cabinets
- Available in Stainless steel Resses/ Surface cabinet



Double Door Fire Hose & Extinguisher Cabinet



Single Door Fire Hose Reel Cabinet



Fire Hydrant Hose Cabinet



Foam Hose Cabinet



Reel & Rack Varient Fire Hose Cabinet with self Stand type



Extinguisher Cabinet

# Fire Hose Cabinets

## CABINET & RELATED SPARE PARTS



■ **Model: HSEPSJ/ HSTP**

Fire Hose Reel  
Manual, Arm swing type



■ **Model: EK-SJFHR**

Fire Hose double jacket



LISTED

UL

US

c

UL

LISTED

UL

US

c

# Fire Hydrants

## WET TYPE FIRE HYDRANT

Model: EK-HQJW



Model: EK-HTW



## Specifications

- Fire Hydrant (Wet type) Quick joint
- Fire Hydrant (Wet type) Threaded
- Fire Hydrant (Dry type)

## DRY TYPE FIRE HYDRANT

Model: EK-HLD



Certified



Special Request



Note: Please find the accessories models in the accessories section



# Fire Sprinklers



**Upright & Pendent Sprinkler**



**Stainless Steel Recessed Escutcheons**



**Concealed Sprinkler**



**Horizontal Sidewall Sprinkler**



**Water curtain sidewall, Verticle, Spray nozzle Sprinkler**



**ESFR Sprinkler**



**Dry Type Sprinkler**



**Foam Sprinkler Pendent & Upright**



**Foam Sprinkler Open type**



♦ UL Approved  
**Flexible Sprinkler Hose with Support beam**



**Sprinkler Protector Case**

# Valves

**OS & Y Gate valve****Grooved Gate Valve****NRS Gate Valve****Grooved Butterfly Supervisory Valve****Grooved Butterfly Valve****Brass Gate Valve****Brass Check Valve****Brass Ball Valve****Brass Relief Valve**

# Valves

**Test Drain Valve****Flanged Y Strain Valve****Grooved Y Strain Valve****Flanged Scilent Check Valve****Flanged Swing Check valve****Grooved Scilent Check valve****Waffer Check Valve****Butterfly Valve****Foot Valve**

# Valves

**Landing Valve****Fire Cabinet  
Landing Valve****Air Relief Valve****Pressure Reducing Valve****Pressure Relief Valve****Fire Department  
Connections****Waterflow Switch****Supervisory Switch****Pressure Guages**

# Valves

## Alarm Check valve



Ekhmad  
Brand



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Special  
Request

Complete includes with;

- 1- Alarm Valve
- 2 - Retarded Chamber
- 3 - Sprinkler Alarm
- 4 - Pressure Switch
- 5 - System Pressure Guage
- 6 - Supply Pressure Guage
- 7 - Drain Valves



## Deluge valve



Ekhmad  
Brand



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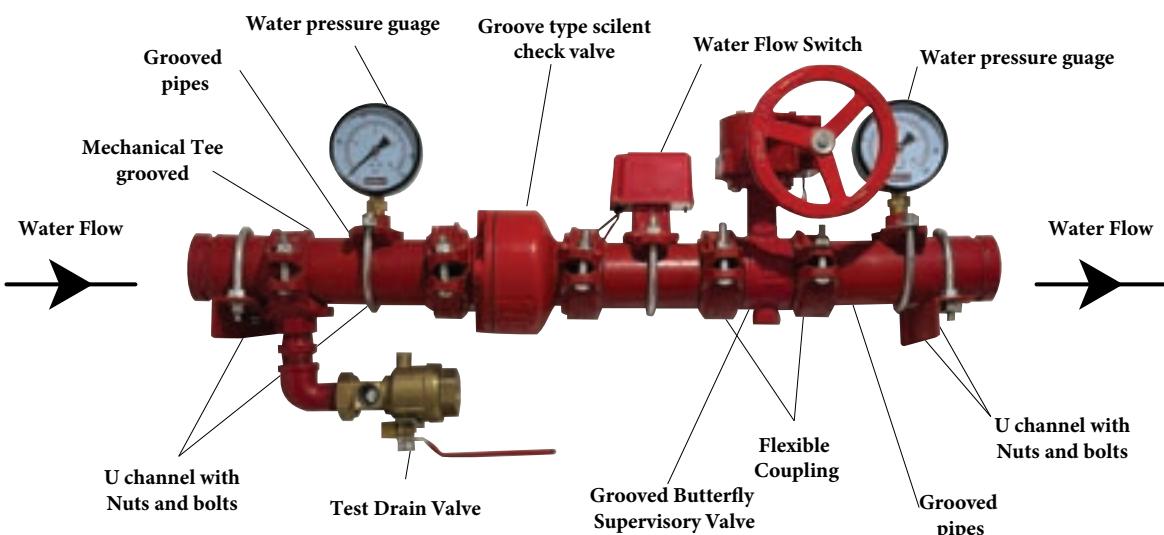


Special  
Request

Complete includes with;

- 1- Deluge Chamber
- 2 - Sprinkler Alarm
- 3 - Pressure Switch
- 4 - System Pressure Guage
- 5 - Supply Pressure Guage
- 6 - Drain Valves

## Zone Control Valve (ZCV)



♦ Ekhmad Brand

♦ UL FM Approved  
(upon request)

♦ SASO Approved



# Fire Extinguishers



Ekhmad  
Brand



Certified



Special  
Request



**Carbon Dioxide CO2  
Fire Extinguisher**



**Dry Chemical /  
ABC powder  
Fire extinguisher**



**Foam  
Fire extinguisher**



# Fire Extinguishers

Ekhmad  
Brand

Certified

Special  
Request

## Automatic Fire extinguisher



## Wet Chemical / Type K Fire extinguisher

### FIRE EXTINGUISHERS ACCESSORIES

Fire Extinguisher  
SprinklerFire Extinguisher  
Hose with HornFire Extinguisher  
GuageFire Extinguisher  
HoseFire Extinguisher  
Squeeze handleFire Extinguisher  
Steel brakctFire Extinguisher  
Squeeze handleFire Extinguisher  
Steel brakct

# Fire Door

Ekhmad  
Brand

Certified

Special  
Request

## Specifications

- Fire door size: 200 x 100 x 12 cm
- Fire door size: 200 x 100 x 20 cm
- Fire door size: 200 x 200 x 20 cm
- With fram mounting
- Without fram mounting
- Right Sided
- Left sided



## Accessories



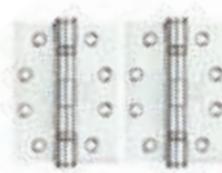
Rim Exit Devices



Standard Additions



Mortise Lock Set



Hinges



# Smoke & Fire Curtain



# Fire Protection Blanket



# Chapter 2

## FIRE NETWORKING & CONNECTIVES



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## Black Steel Pipes



c **UL** us  
LISTED



## Thread Fittings

**UL** LISTED **FM** APPROVED **CE**



## Grooved Fittings



**UL** LISTED **FM** APPROVED **CE**

## HDPE Welded Fittings



 Ekhmad Brand

 Certified

 Special Request



## Expension Joint

- \* Available in Grooved Type
- \* Available in Threaded Type
- \* Available in Flanged Type
- \* Available in with Mesh
- \* Available in without Mesh
- \* Available in Stainless Steel
- \* Available in Braided
- \* Available in Non-Braided

## Rubber Expansion Joints



 Ekhmad Brand

 Certified

 Special Request



# Flanges, Adapters & Connectors



Flange Adapter



Universal Adapter



S.S. Repair Clamp



Beam Clamp



Loop Hanger



Swivel Hanger



U-Bolt



Threaded Rod



Bolts



Screw &amp; Fisher



Washers



Spare parts

# Supportives

## Neoprene & EPDM Rubber Gaskets

**Pipe Glue****Permatex Sealant****Jute Threads****Paint & Additions****Teflon tape****Paint Brush****Denso Tape****Paint Roller with Hadnles****Hand Gloves**



# Chapter

3

# TOOLS & MACHINERIES



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## Pipe Cutting Machine



## Threaded Machine



## Grooved Machine



## Holesaw Machine



## Pipe Bending Machine



## HDPE Electro Fusion welding machine



## High Pressure Test Pump upto 25 bar



## HDPE Manual butt-fusion Machine



**HDPE Manual  
butt-fusion Machine**



**HDPE Hydrolic Automatic  
butt-fusion Machine**

# Machine & Tools Spare parts





# Chapter

4

## Low CURRENTS



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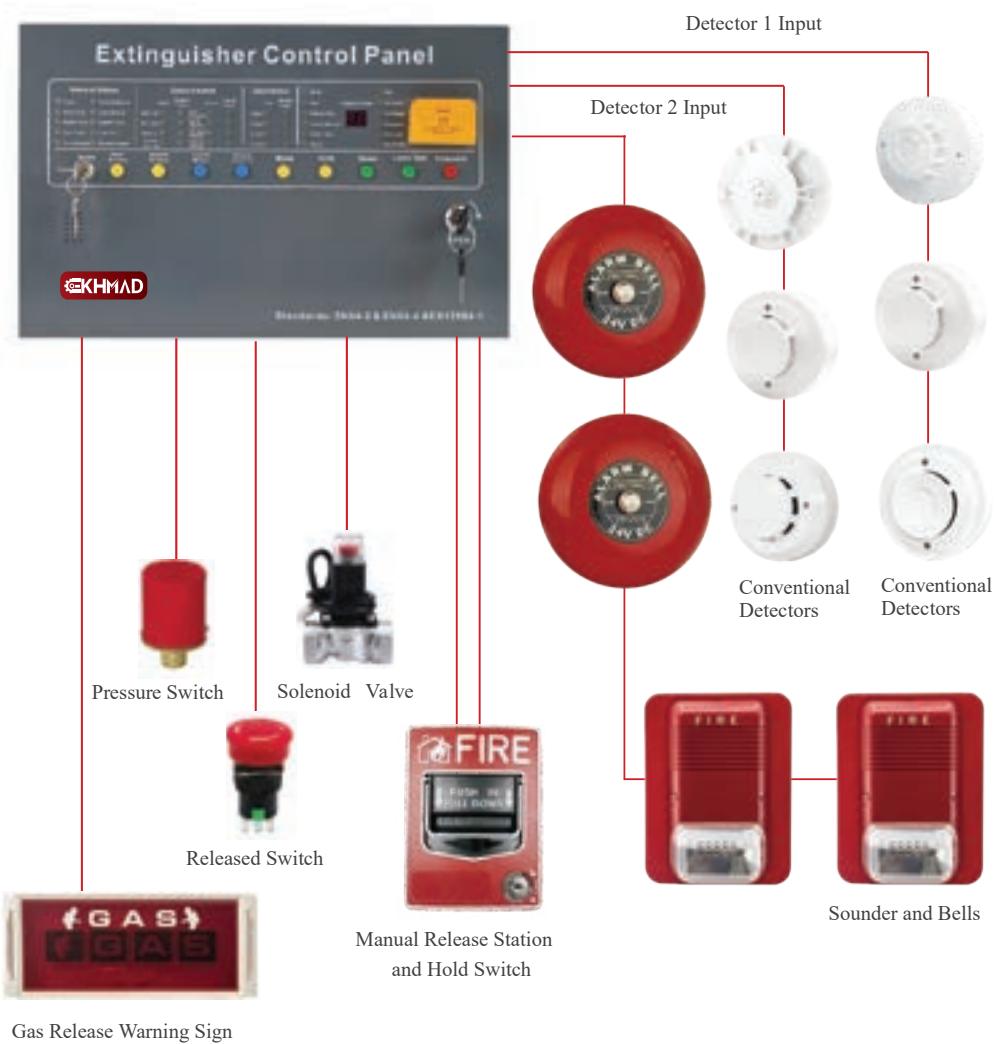
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# GAS Extinguisher Release Control System



**Models: EK-5204-4**



# Conventional Fire Alarm Panels



**Models: EK-801-1/2/3/4/5/6/8**

**Ekhmad Brand**

**SASO Approved**

**1 - 4 Zone**

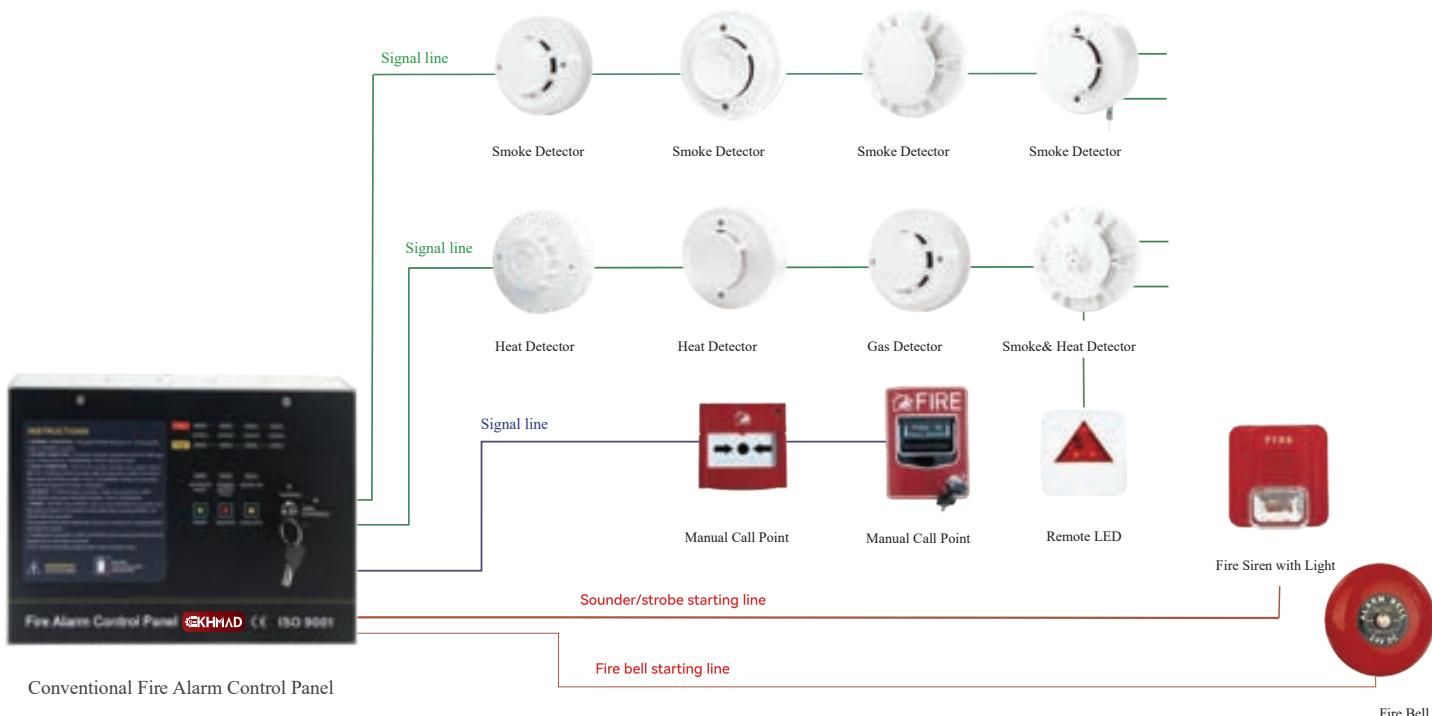


**Models: EK-801-12/16/20/24**

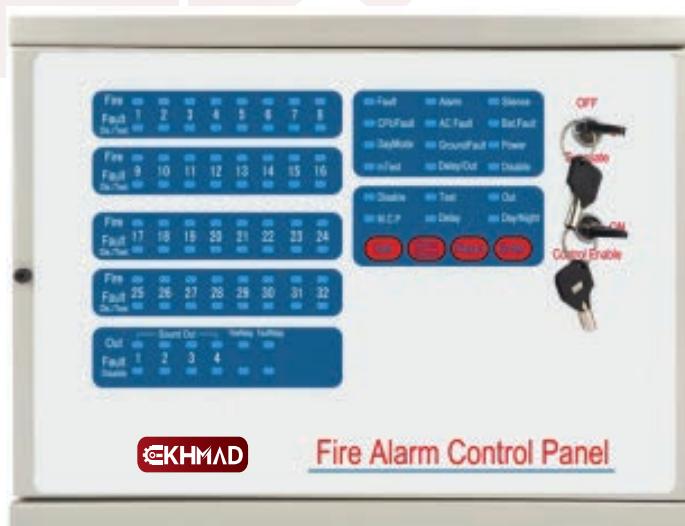
**Ekhmad Brand**

**SASO Approved**

**1 - 24 Zone**



# Conventional Fire Alarm Panels

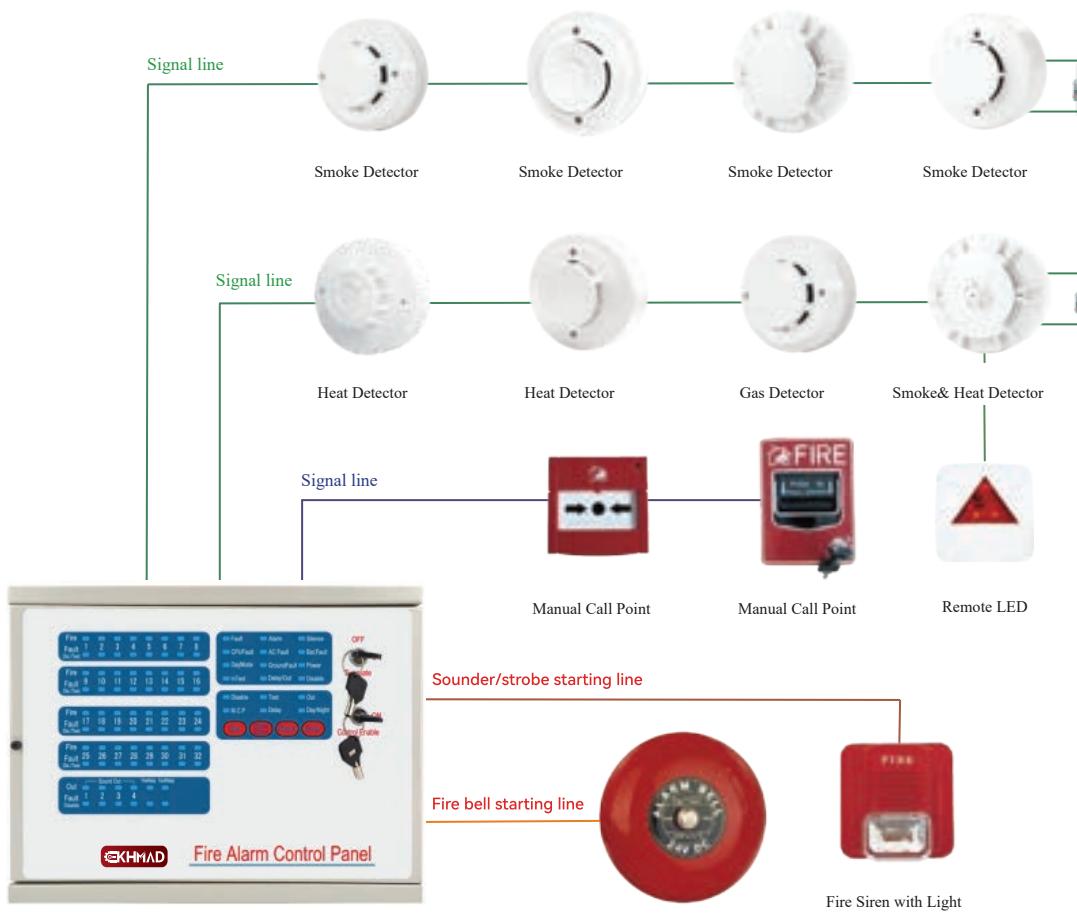


**Models: EK-801-28/32**

**Ekhmad Brand**

**SASO Approved**

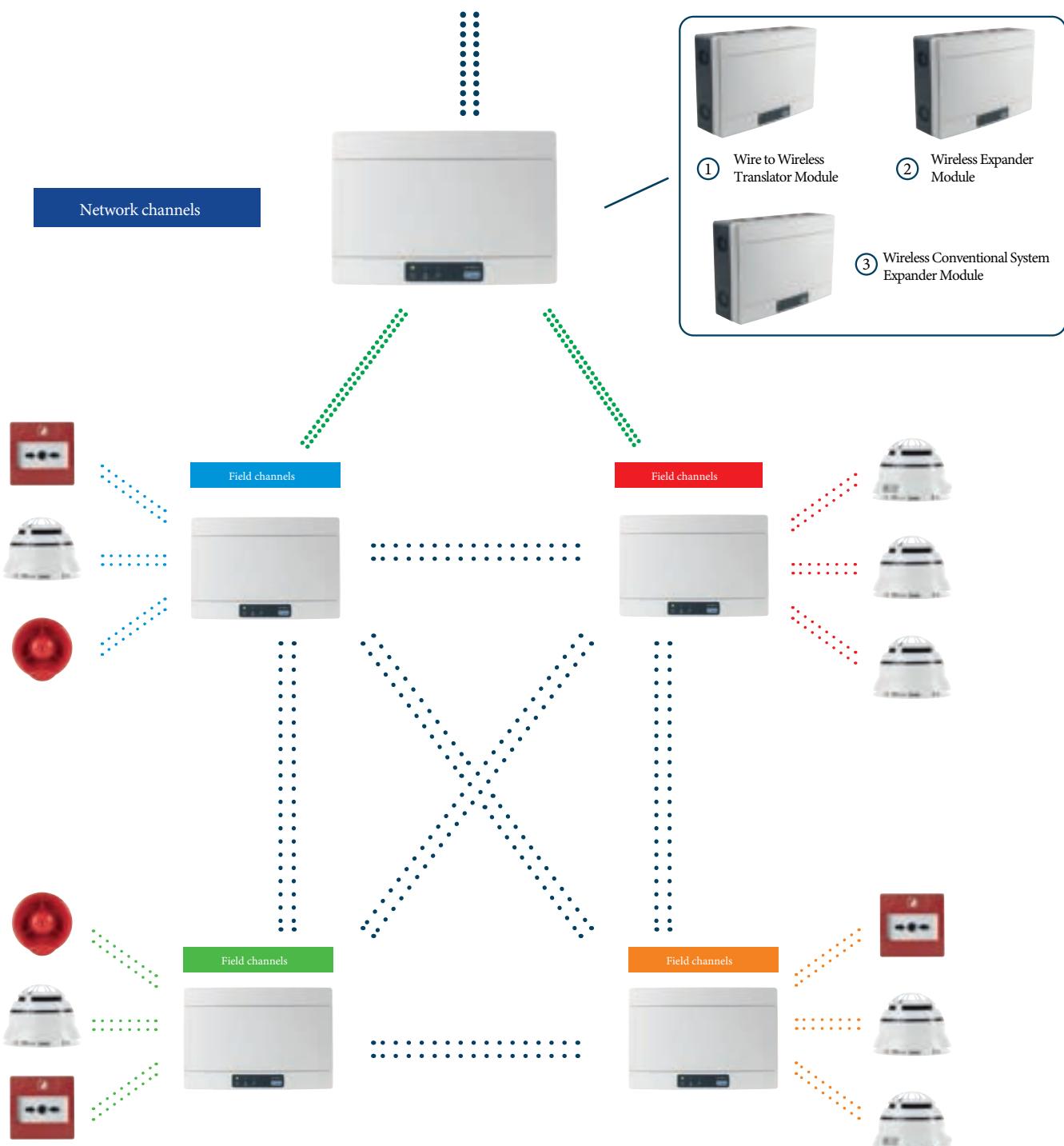
**1 - 32 Zone**



Conventional Fire Alarm Control Panel



## Taurus Wireless Technology



## Taurus Wireless Technology



### Key features:

- 60 communications channels (infrastructure and field devices)
- Scalable architecture, easy to expand from a single loop to multiple systems on the same site
- Up to 128 devices per wireless Translator
- Up to 240 devices per hybrid loop
- Mesh Expander Technology, up to 15 Expanders per Translator
- Up to 32 devices per Expander
- Dual Channel Redundancy
- 8 expansion hops deliver over 8 km range from Translator to final device
- 10 year battery life on inputs. 5 year battery life on outputs (including weekly test)
- Fully synchronised outputs with rapid reaction time
- Superior energy management using standard CR123A lithium batteries across the range
- TauREX, new user-friendly survey, installation, commissioning and maintenance software
- Superior field device performance

**TauREX Software:** the easiest way to install, commission and maintain your Taurus fire system



### Detection Devices



Wireless Optical  
Smoke Detector



Wireless Multi-  
criteria Detector



Wireless Heat  
Detector



Wireless Resettable  
Call Point

### Alarm and Warning Devices



Wireless Sounder Base/Sounder  
VAD Base (Red or White LED)



Wireless, Waterproof Wall Sounder/  
Sounder VAD

### Modules



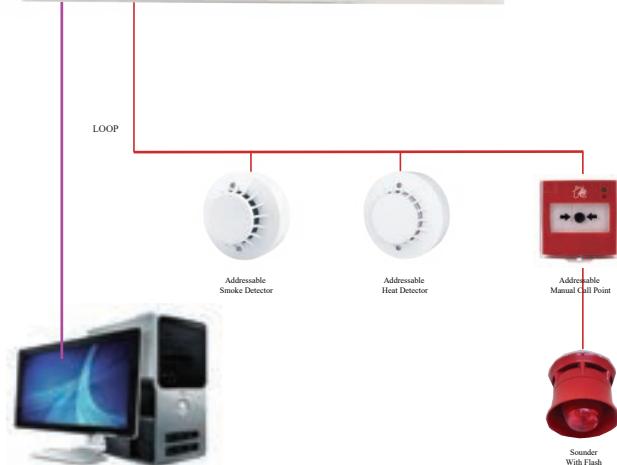
Wireless Battery Powered  
Input Module



Wireless Battery Powered  
Output Module



# Addressable Fire Alarm Panels



## Addressable detection and warning devices



Addressable  
Manual Call Point



Addressable  
Smoke Detector



Addressable  
Heat Detector



Sounder  
With Flash



Manual  
Call Point



Fire Sounder  
/ Strobe



Fire Siren  
With Light



Motorized Fire  
Alarm Bell



Heat Detectors



Photoelectric  
Smoke Detectors



Stand-Alone  
Smoke Detectors



Multifunctional  
Alarm Set



Water Proof  
Boxes

Ekhmad  
Brand

Certified

## Fire Alarm Cables

Ekhmad  
Brand

Certified

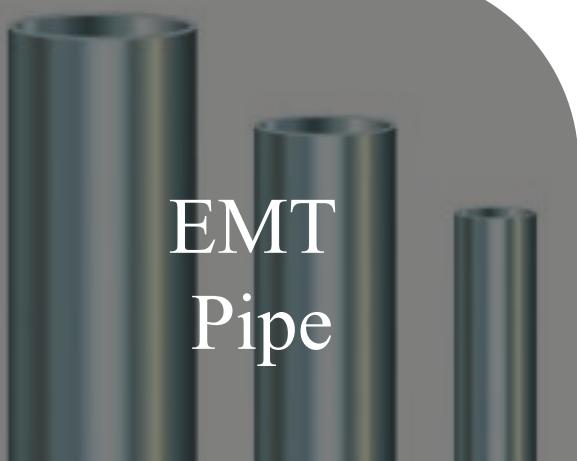
## Emergency Lights

Ekhmad  
Brand

Certified

## Exit Lights

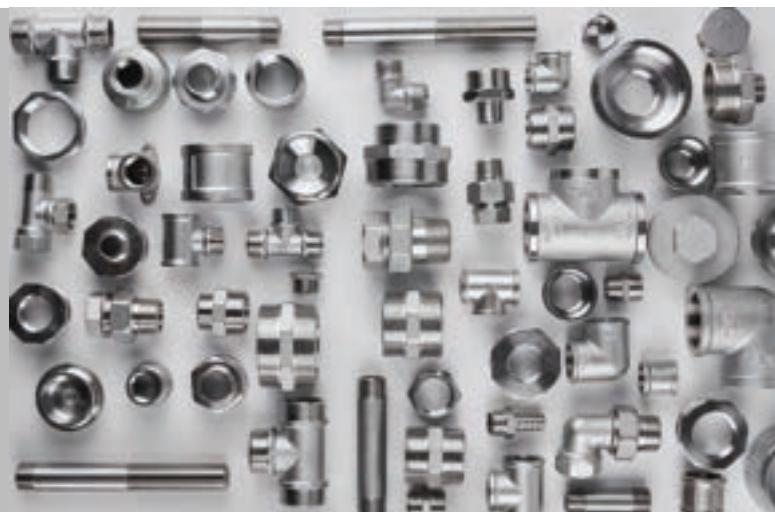




## EMT Pipe



## EMT Fittings



Steel EMT  
Box & Sockets



Insulated  
Electrical Box



EMT Flexible  
Conduite Pipes



EMT Pipe  
Bender



# Chapter

5

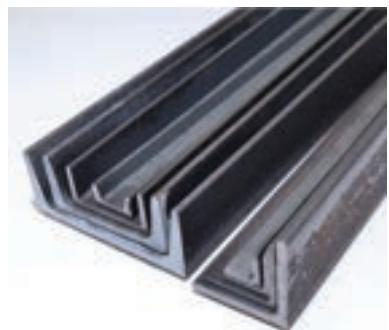
# MECHANICAL SPARES



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**Pressure Switch****Pressure Guage****Self Starter****Diesel Engine Solenoid****Thread machine pipe Die****Thread machine Die Head****Thread machine motor****Welding Rod****Angel Bar U & C Channel**



**Empty Fire Pump  
Controller panel**



**Coupling Guard**



**Water Pump  
rubber coupling**



**Pressure Tank**



**High Pressure Pump**



# Chapter

6

# ELECTRICAL SPARES



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## FIRE PUMP CONTROL PANEL & ACCESSORIES



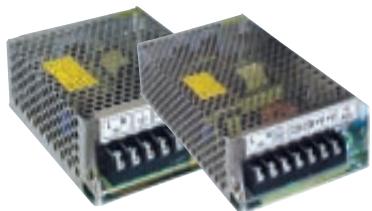
Indication Lamps



Push Button Switch



Fuse Holder



Switching power supply



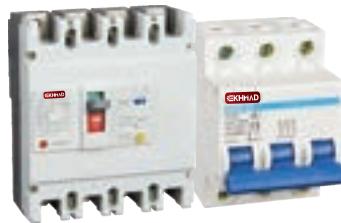
Relays



Fuse Holder



AC contactor



Relays



Terminal Blocks &amp; Additions



## Electrical Wire Connectors

# Product Related Certificates

*will be provide upon request*

**sales@ekhmad.com**



# Company Service

## What do we do in our Trading?



### We Design your Request

Our expertise stretches from customizing and even design and put to production to meet your customized and desired requirements and implementing newer technologies to meet the trend of business ways.



### We provide consultation on items

We have our experts teams standby to provide you maintenance for the existing system or newly made. We are always click away. Let us know about your systems and we will take care for the maintaining.



### We provide your need

We always ensure our materials well maintained and well fitted for your requirements and until now more than 5000+ satisfied customers are using and dealing with us kingdom wide, we look forward for you\to become one of our support and we shall serve you with more improvements and better ways.



### We improve by your enlightenment

We assure our customers, our materials are well made and certified from expert companies, our materials are used in quality projects around the kingdom wide and we are expanding and always ensuring equipping with newer upgrades

## Our Sustainable Business



“ Ekhmad company is at the forefront of companies working to tackle sustainability challenges in the most efficient and responsible manner. We are committed to helping customers pioneer more sustainable solutions and deliver our activities more efficiently. In every aspect of our business, we relentlessly innovate, collaborate and strive to do more. We never let our customers down! ”



## Stay in touch with Ekhmad



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E-mail: info@ekhmad.com

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

*We work hard to reach you and always ensure you get what you deserve*

### Kingdom of Saudi Arabia

#### Showroom - Riyadh

Street: Al-Dahran  
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Tel: (966) 011 291 00 93  
Mob: (966) 059 439 3375  
E-mail: sales@ekhmad.com

#### Showroom - Dammam

Street: 8th St.  
Dist.: Hai AL Amamra  
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Mob: (966) 050 295 5590  
E-mail: sales@ekhmad.com

#### Showroom - Dammam Store

Street: Bakr Al Shami Road  
Dist.: Al Khalidiya  
Mob: (966) 055 838 7836  
E-mail: sales@ekhmad.com

#### Warehouse - Riyadh

Street: Al Qassim Road  
Dist.: Molhim  
Mob: (966) 054 091 1793  
E-mail: sales@ekhmad.com

#### Head Warehouse - Dammam

Street: Bakr Al Shami  
Dist.: Khalidia  
Tel: (966) 013 814 69 88  
Mob: (966) 056 116 3934  
E-mail: sales@ekhmad.com

#### Warehouse - Dammam 2nd Industrial area

Dist.: Second Sanaya  
Mob: (966) 056 116 3934  
E-mail: sales@ekhmad.com

#### Showroom - Jeddah

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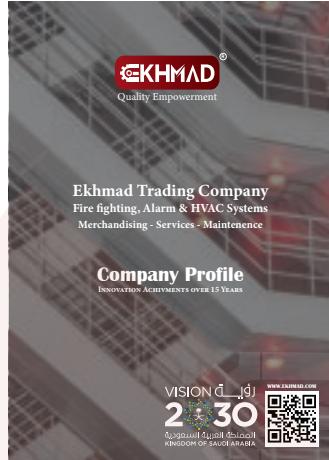
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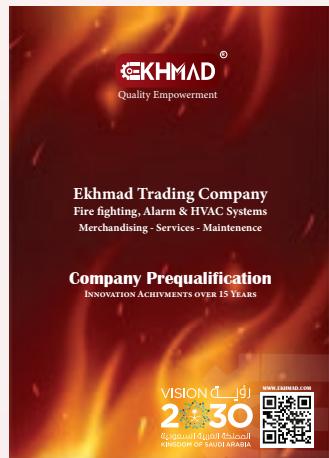


## Related Documents

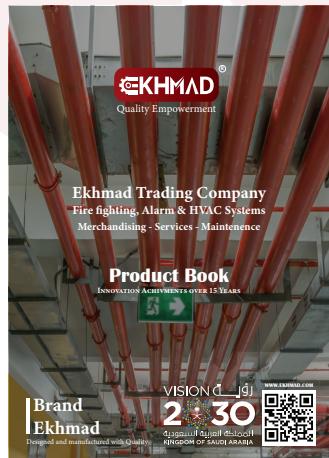
1



2



3



## Ekhmad Company Profile

## Ekhmad Project Pre-qualification

## Ekhmad Total Product Book





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QUALITY EMPOWERMENT

# Ekhmad Trading Company

**Fire Fighting & Alarm system**

TRADING, SUPPLY, INSTALLATION & MAINTENANCE

We Produce and Distribute products to your choice



@ekhmadcompany

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