



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
VISION 2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA

WWW.EKHMAD.COM





Ekhmad Trading Company

Fire Fighting, Alarm & HVAC Contracting and Trading

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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.

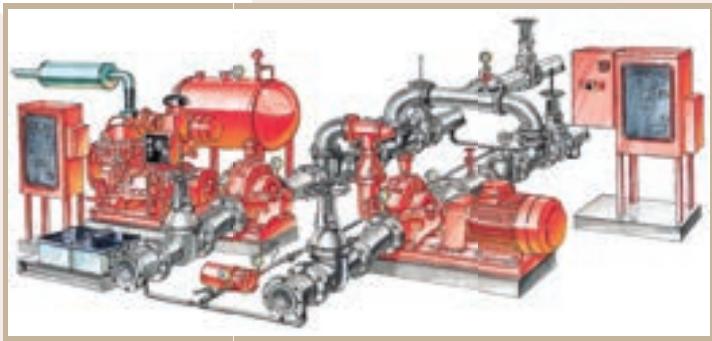


INNOVATION ACHIEVEMENTS
OVER 15 YEARS

Products



ekhmad product signified





Chapter

1

FIRE FIGHTING SYSTEM



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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

US

c

UL

LISTED

US

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



Certified



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



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Brand



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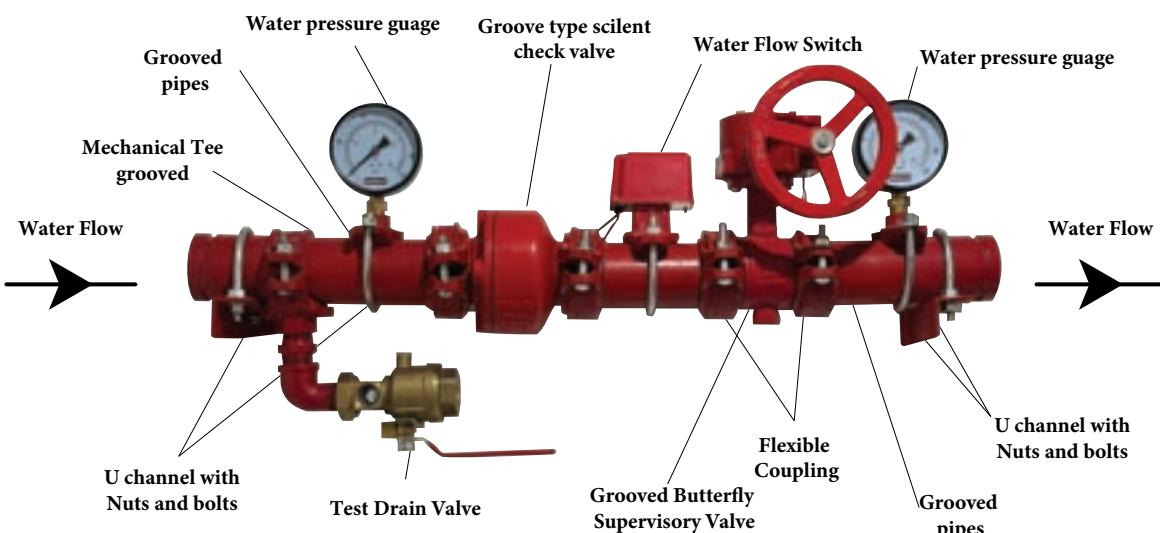


Special Request

Deluge valve

- 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



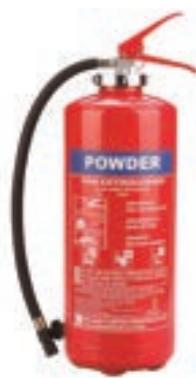
Certified



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 brakcetFire Extinguisher
Squeeze handleFire Extinguisher
Steel brakcet

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



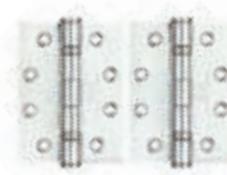
Rim Exit Devices



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 **Intertek**



Grooved Fittings



HDPE Welded Fittings



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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



Flanges, Adapters & Connectors



Flange Adapter



Universal Adapter



S.S. Repair Clamp



Beam Clamp



Loop Hanger



Swivel Hanger



U-Bolt



Threaded Rod



Bolts



Screw & 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



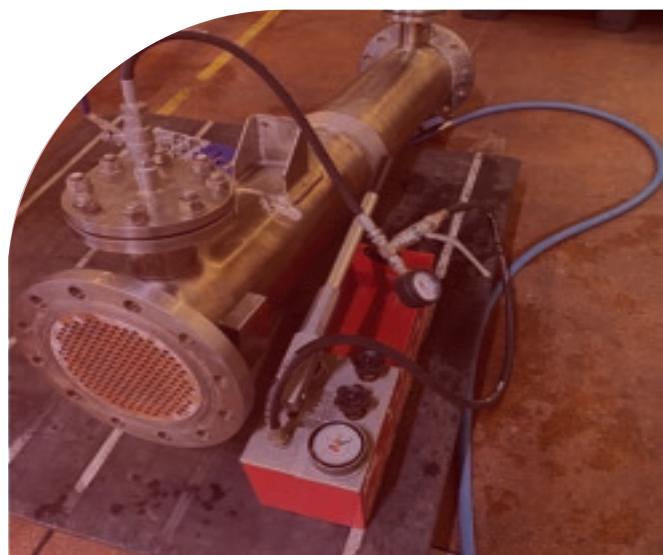
Pipe Bending Machine



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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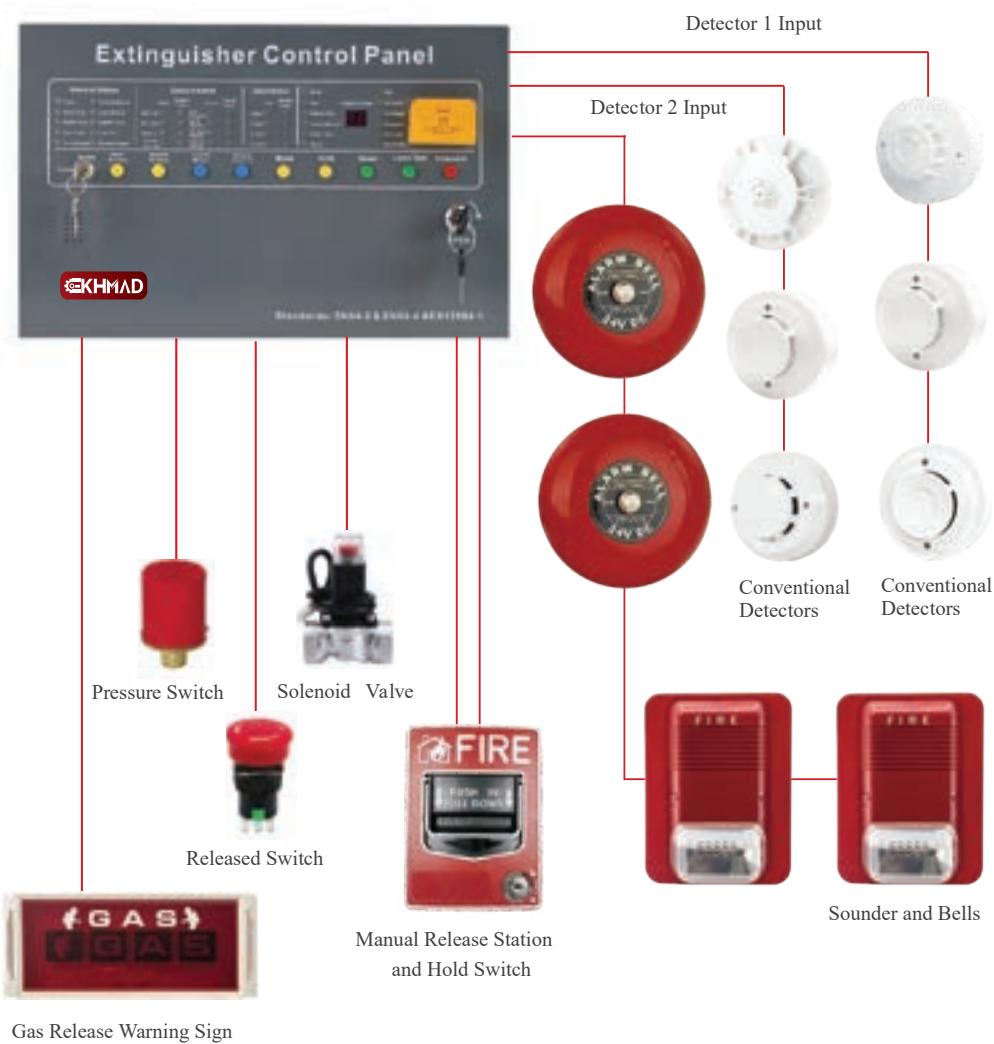
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GAS Extinguisher Release Control System



Models: EK-5204-4



Conventional Fire Alarm Panels



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

Ekhmad Brand

SASO Approved

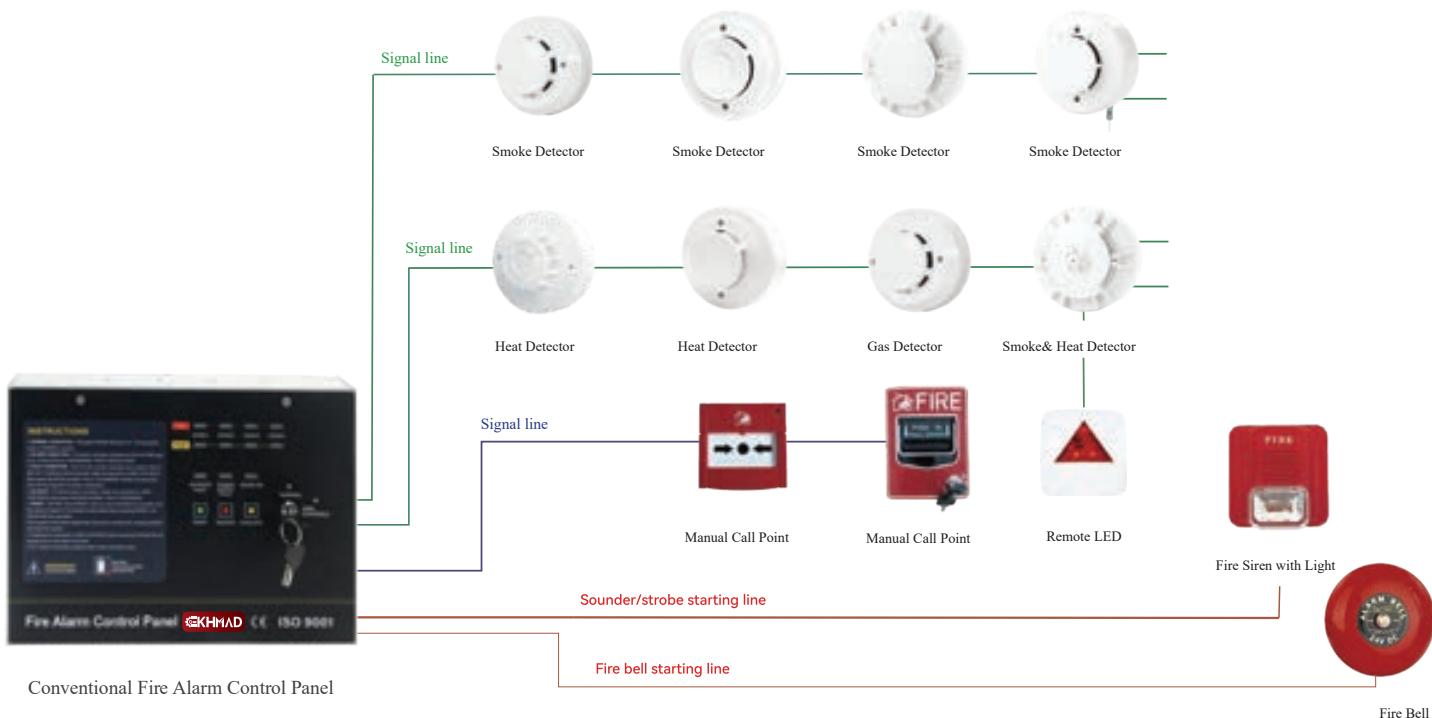
1 - 4 Zone

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

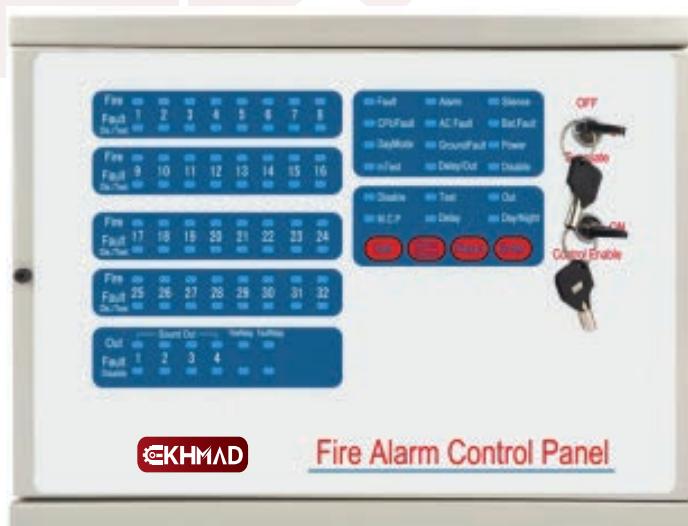
Ekhmad Brand

SASO Approved

1 - 24 Zone



Conventional Fire Alarm Panels

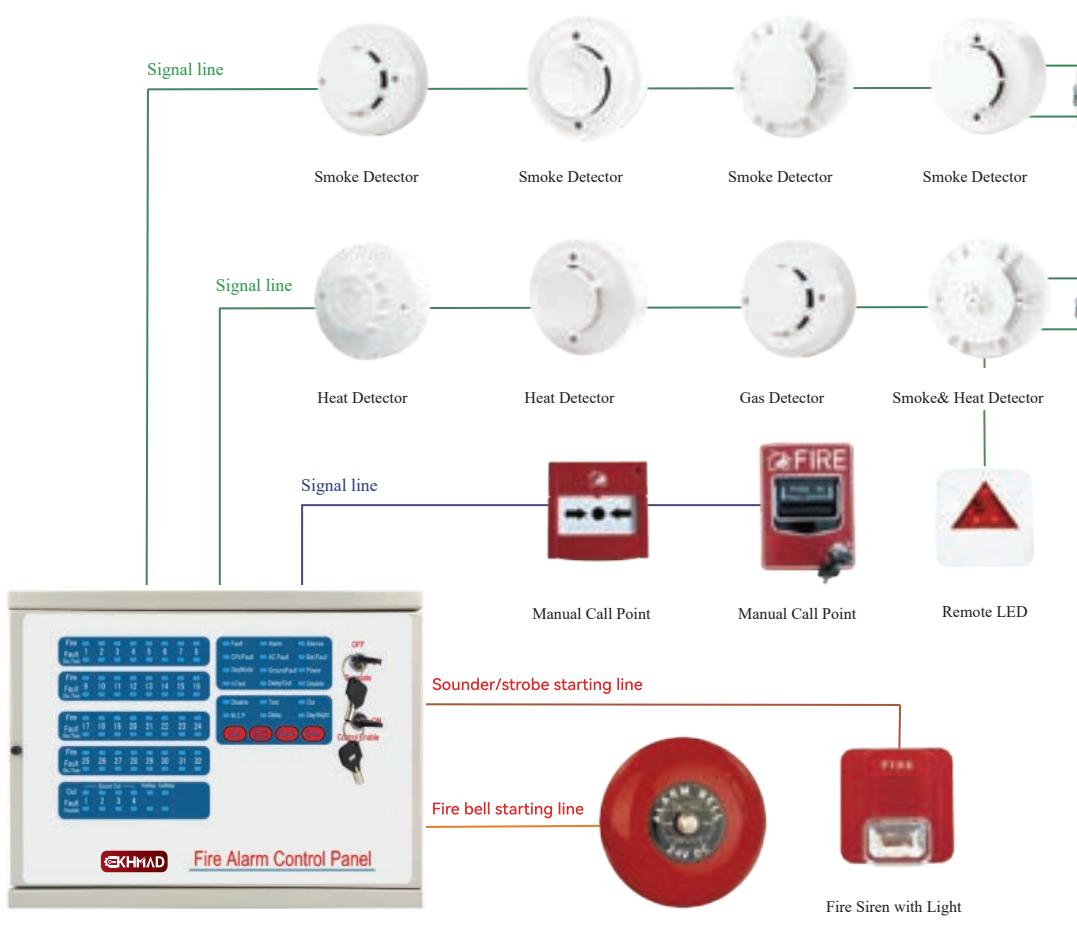


Models: EK-801-28/32

Ekhmad Brand

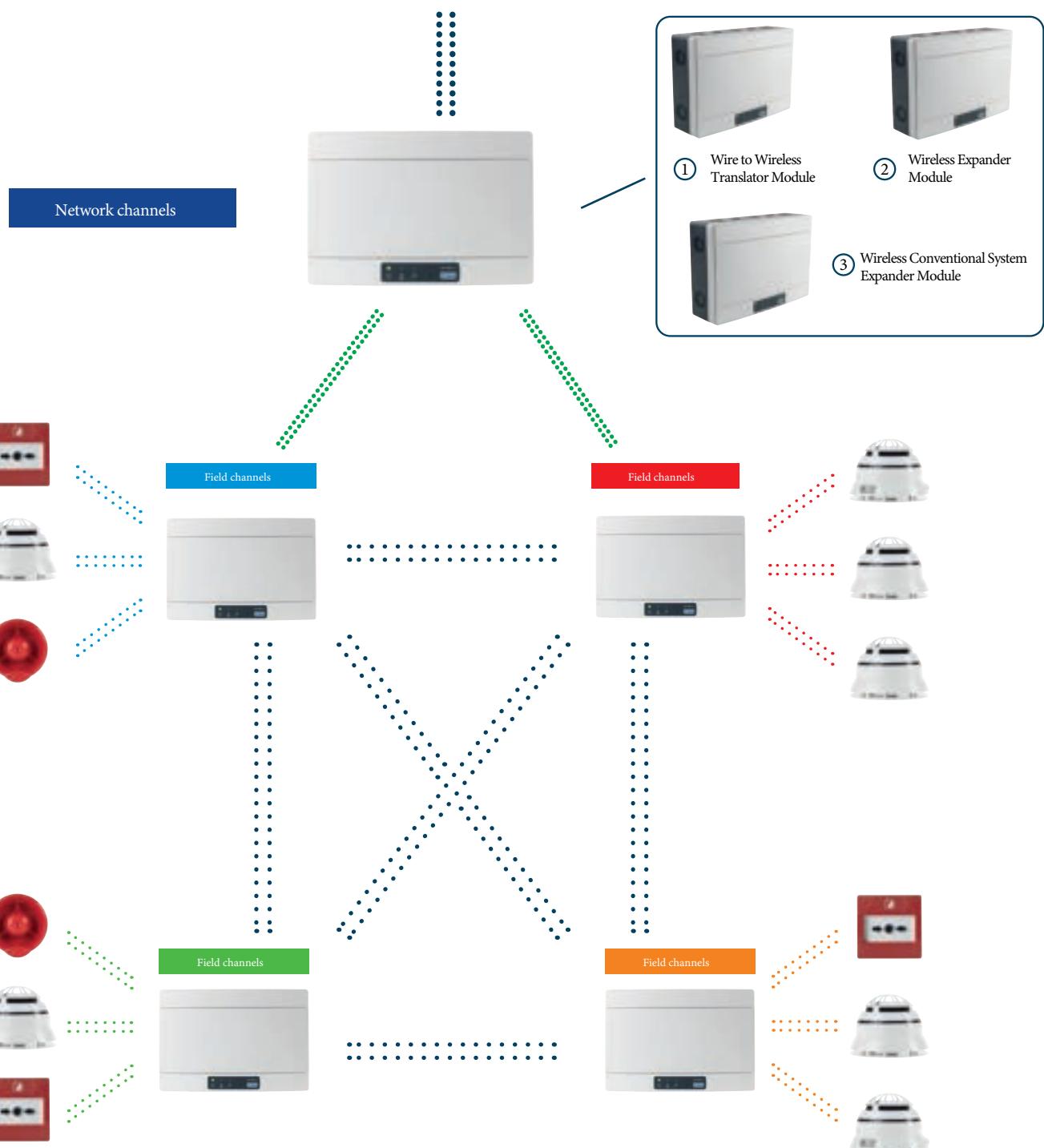
SASO Approved

1 - 32 Zone





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



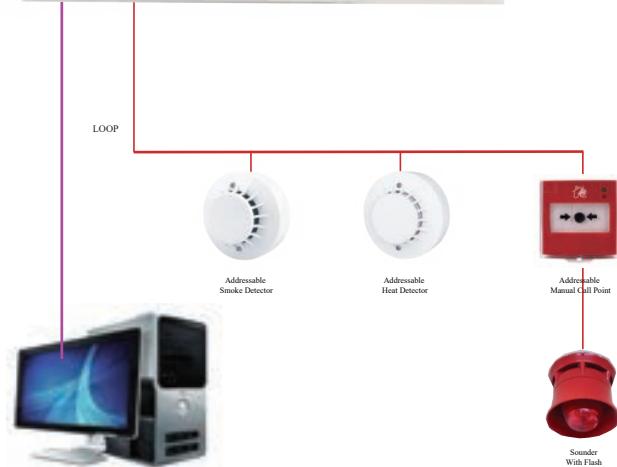
Wireless Battery Powered
Output Module



Addressable Fire Alarm Panels

X **detnov**
Fire System ProductsEkhmad
Brand

SASO Certified



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

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Fire Alarm Cables

Ekhmad
Brand

Certified

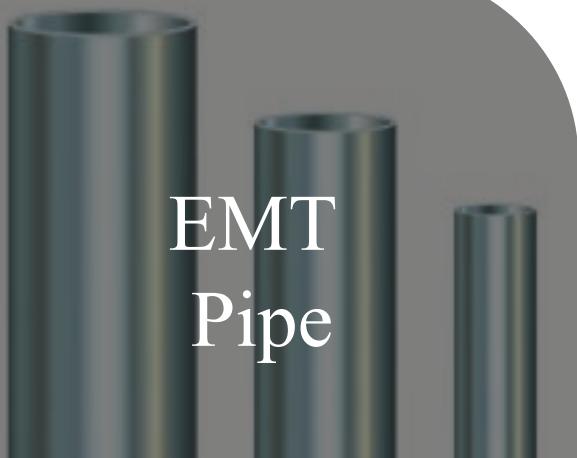
Emergency Lights

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Exit Lights





EMT Pipe

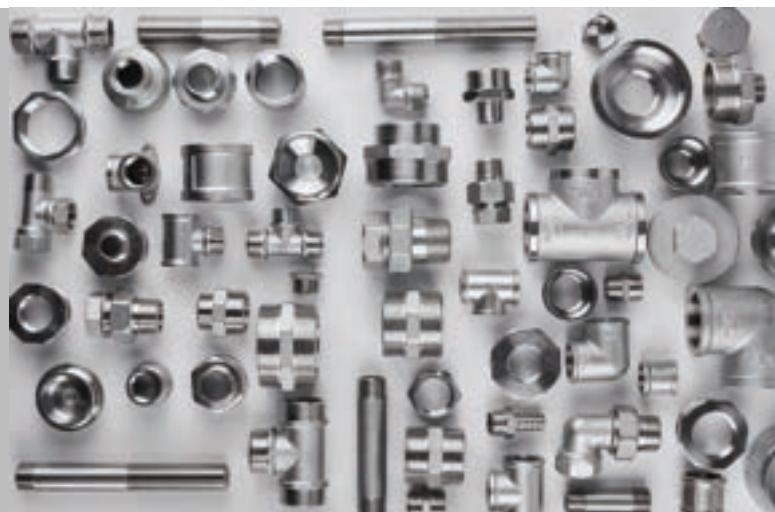
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UL LISTED FM APPROVED Special Request



EMT Fittings



Steel EMT Box & Sockets



Insulated Electrical Box



EMT Flexible Conduite Pipes



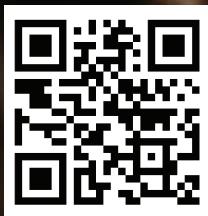
EMT Pipe Bender



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 panle**



Coupling Guard



**Water Pump
rubber coupling**



Pressure Tank



High Pressure Pump



Chapter

6

ELECTRICAL SPARES



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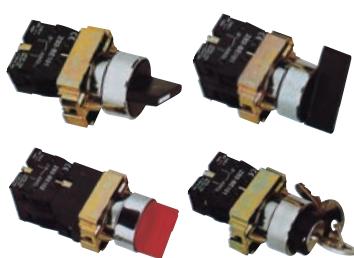




FIRE PUMP CONTROL PANEL & ACCESSORIES



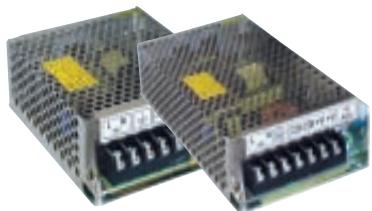
Indication Lamps



Push Button Switch



Fuse Holder



Switching power supply



Relays



Fuse Holder



AC contactor



Relays



Terminal Blocks & 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

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

Kingdom of Saudi Arabia

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Showroom - Dammam Store

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E-mail: sales@ekhmad.com

Warehouse - Riyadh

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

Head Warehouse - Dammam

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Dist.: Khalidia
Tel: (966) 013 814 69 88
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E-mail: sales@ekhmad.com

Warehouse - Dammam 2nd Industrial area

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Showroom - Jeddah

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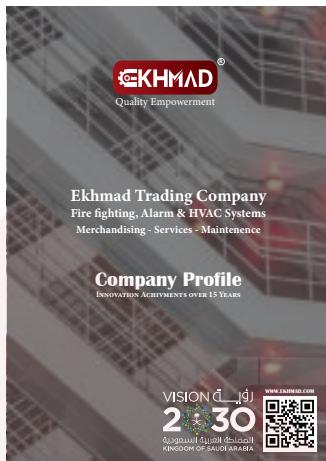
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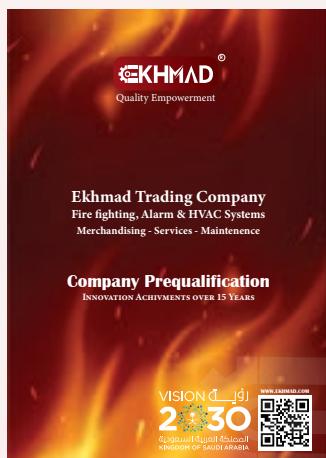
Related Documents

1



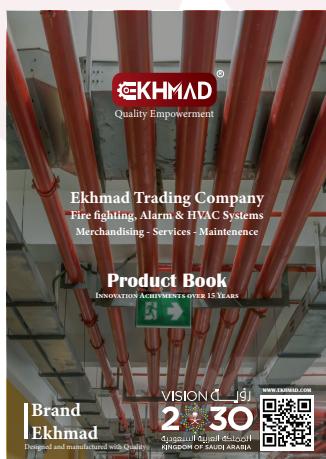
Ekhmad Company Profile

2



Ekhmad Project Pre-qualification

3



Ekhmad Total Product Book



NOTES



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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



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www.ekhmad.com