



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 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.

FIRE DETECTION



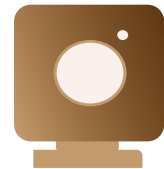
Fire alarm system consists of manual pull stations, visual/audible alarm devices and integrated automatic detection devices; addressable smoke detector/sounder bases and heat detectors located in individual sleeping rooms, corridors, common areas and mechanical spaces.

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

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.

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.

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.

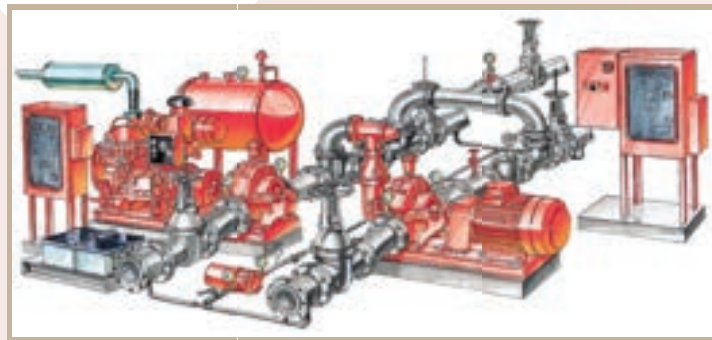
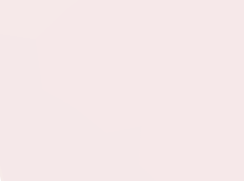
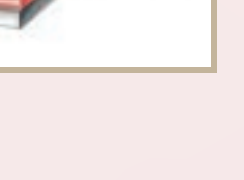
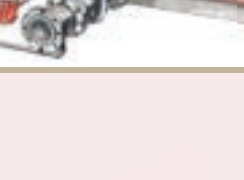
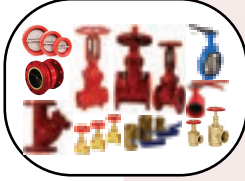
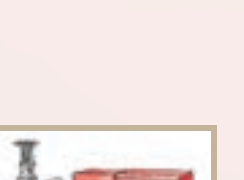


INNOVATION ACHIEVEMENTS
OVER 15 YEARS

Products



ekhmad product signified





Chapter 1

FIRE FIGHTING SYSTEM



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Fire Pump System



**Ekhmad
Brand**



**Qualified
& Certified**



**Special
Request**



SPECIFICATIONS

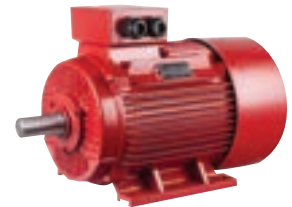
- ♦ Verticle turbine Pump UL & Non-UL
- ♦ Fire Pump set Eleteric / Disel / Jokey
- ♦ Fire Pump set Eleteric / Electric Jokey
- ♦ Fire Pump set Eleteric / Jokey
- ♦ Fire Pump set Disel / Jokey
- ♦ Available from 50 GMP to 2500 GPM



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



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Request

SPECIFICATIONS

- ♦ Capacity Liter availability from 50 L upto 10,000 L
- ♦ Can be used with 2 types of chemicals compositions 3% Comp. & 6% Comp.
- ♦ Available from Vertical Horizontal Categories of Tanks
- ♦ 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 & Fluorinated 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 & Fluorinated Surfactants	5-20	Xi R 36, 37, 38
Water	QS	7732-18-5	

Fire Hose Cabinets

Specifications



Certified

- ♦ 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 Resesses/ Surface cabinets
- ♦ Available in Stainless steel Resesses/ Surface cabinet



Double Door Fire Hose
& Extinguisher Cabinet



Singel Door Fire
Hose Reel Cabinet



Fire Hydrant
Hose Cabinet



Foam Hose Cabinet



Reel & Rack Variet 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



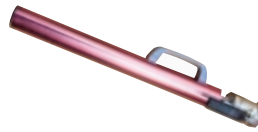
■ **UL Model: HSEPSJ65S**

UL EPDM Hose



■ **Model: EK-N-26**

Fire branch nozzle



■ **Model: EK-AFG**

Foam branch pipe



■ **Model: EK-N-04-2**

Plastic Nozzle



■ **Model: SFD-NH-65/40**

UL category Available

Spray/Fog/Off Nozzle



■ **Model: JY-101**

Brass Gate Valve



■ **Model: EN671/A-4**

1.5" x 1" FHC Landing Valve



■ **Model: EK-AEF**

Foam proportioner



■ **Model: EK-US**

Pipe Spinner



■ **Model: EN-Q-NH**

Quick Connectors

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



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, Vertical,
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



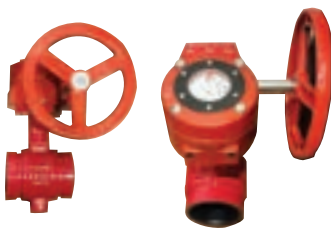
OS & Y Gate valve



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



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Brand



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Special
Request

Complete includes with;
1- Alarm Valve
2 - Retarted Chamber
3 - Sprinkler Alarm
4 - Pressure Switch
5 - System Pressure Guage
6 - Supply Pressure Guage
7 - Drain Valves



Deluge valve



Ekhmad
Brand



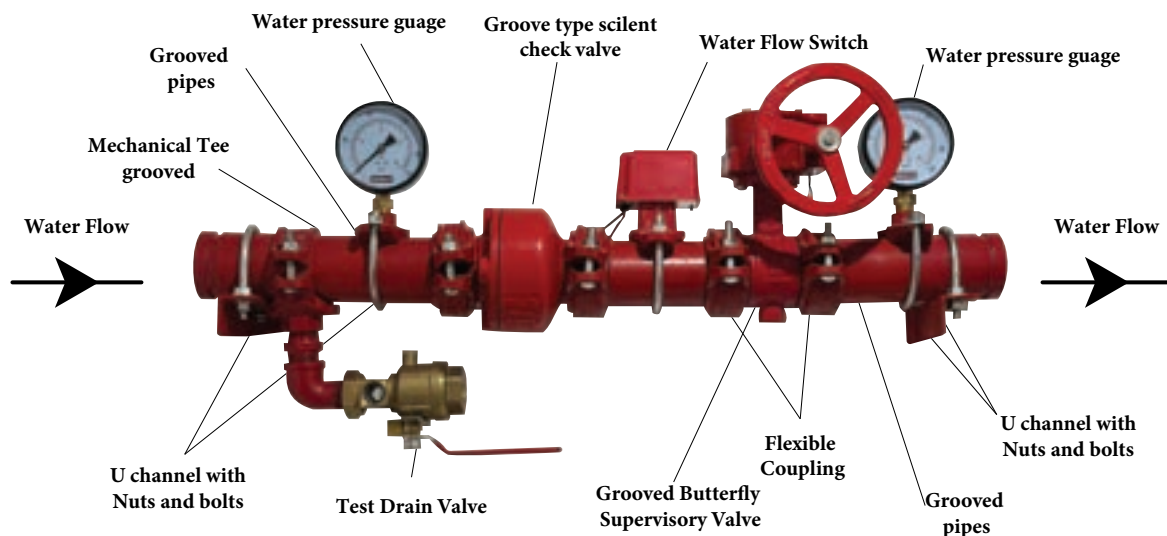
Certified



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



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Brand



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Special
Request



Carbon Dioxide CO2 Fire Extinguisher



Dry Chemical / ABC powder Fire extinguisher



Foam Fire extinguisher



Fire Extinguishers



Certified



Special Request



Automatic Fire extinguisher

Wet Chemical / Type K Fire extinguisher



FIRE EXTINGUISHERS ACCESSORIES



Fire Extinguisher
Sprinkler



Fire Extinguisher
Hose with Horn



Fire Extinguisher
Guage



Fire Extinguisher
Hose



Fire Extinguisher
Squeeze handle



Fire Extinguisher
Steel brakcet



Fire Extinguisher
Squeeze handle



Fire Extinguisher
Steel brakcet

Fire Door



**Ekhmad
Brand**



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**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



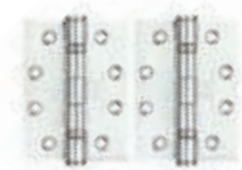
Rim Exit Devices



Standard Additions



Mortise Lock Set



Hinges

Smoke & Fire Curtain



Fire Protection Blanket



Chapter

2

FIRE NETWORKING & CONNECTIVES



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Black Steel Pipes



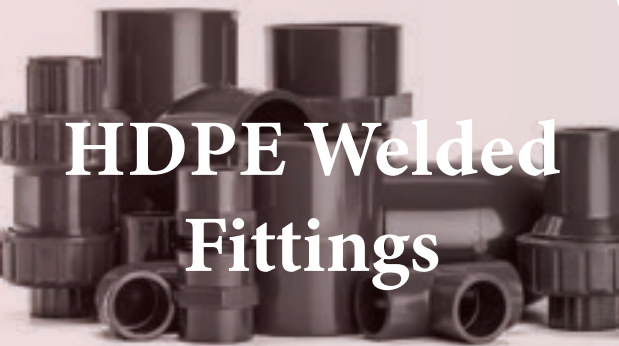
Thread Fittings



Grooved Fittings



HDPE Welded Fittings



Ekhmad
Brand



Certified



Special
Request



Expansion 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 & Fisher



Washers



Spare parts

Supportives

Neoprene & EPDM Rubber Gaskets



Pipe Glue



Permatex Sealent



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



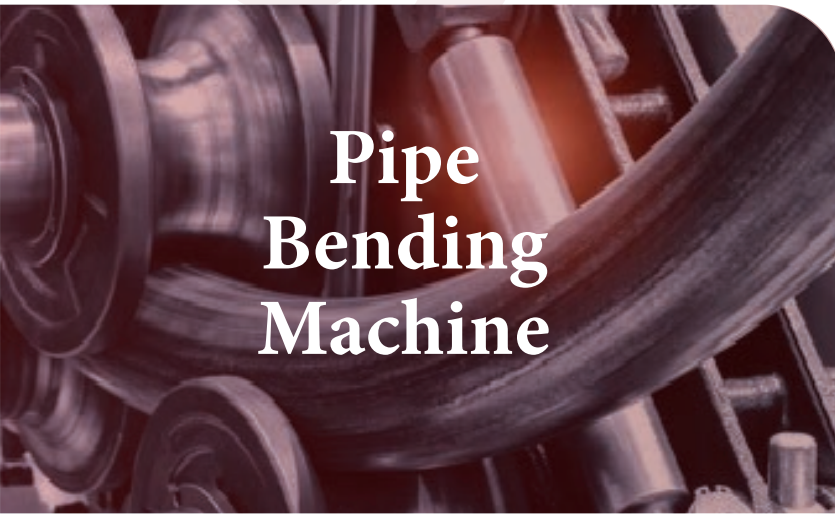


Grooved Machine

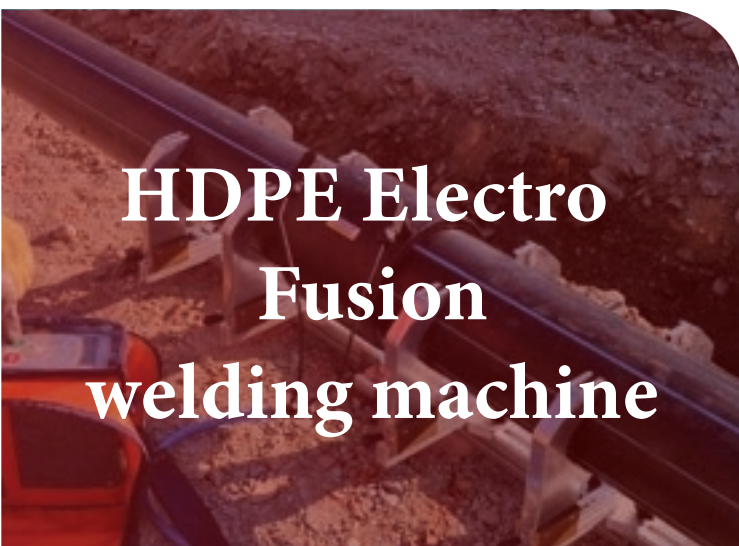


Holesaw Machine





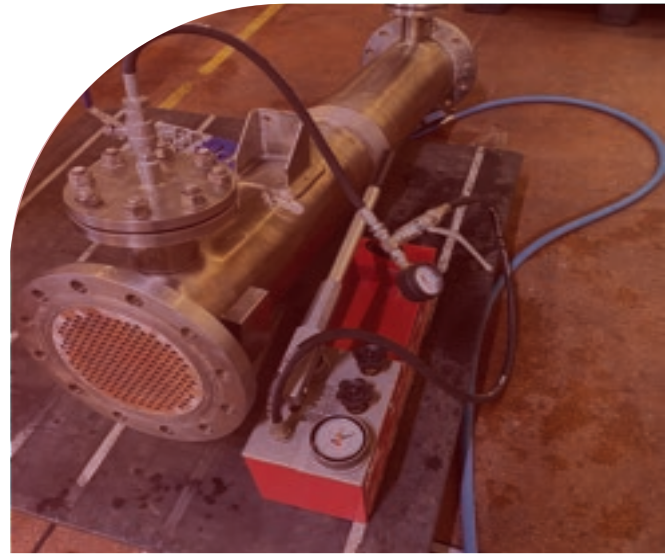
Pipe Bending Machine



HDPE Electro Fusion welding machine



High Pressure Test Pump upto 25 bar



HDPE Manual butt-fusion Machine



**HDPE Manual
butt-fusion Machine**



**HDPE Hydraulic Automatic
butt-fusion Machine**

Machine & Tools Spare parts





EKHMAD[®]

Chapter 4

Low CURRENTS

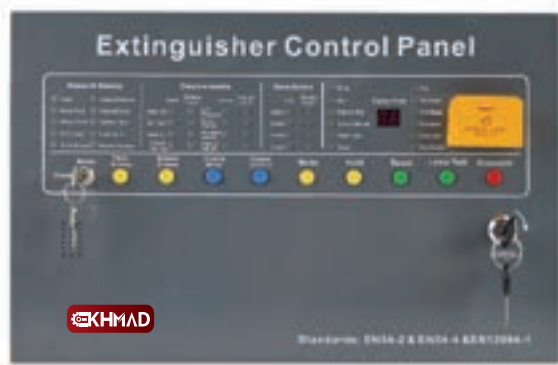


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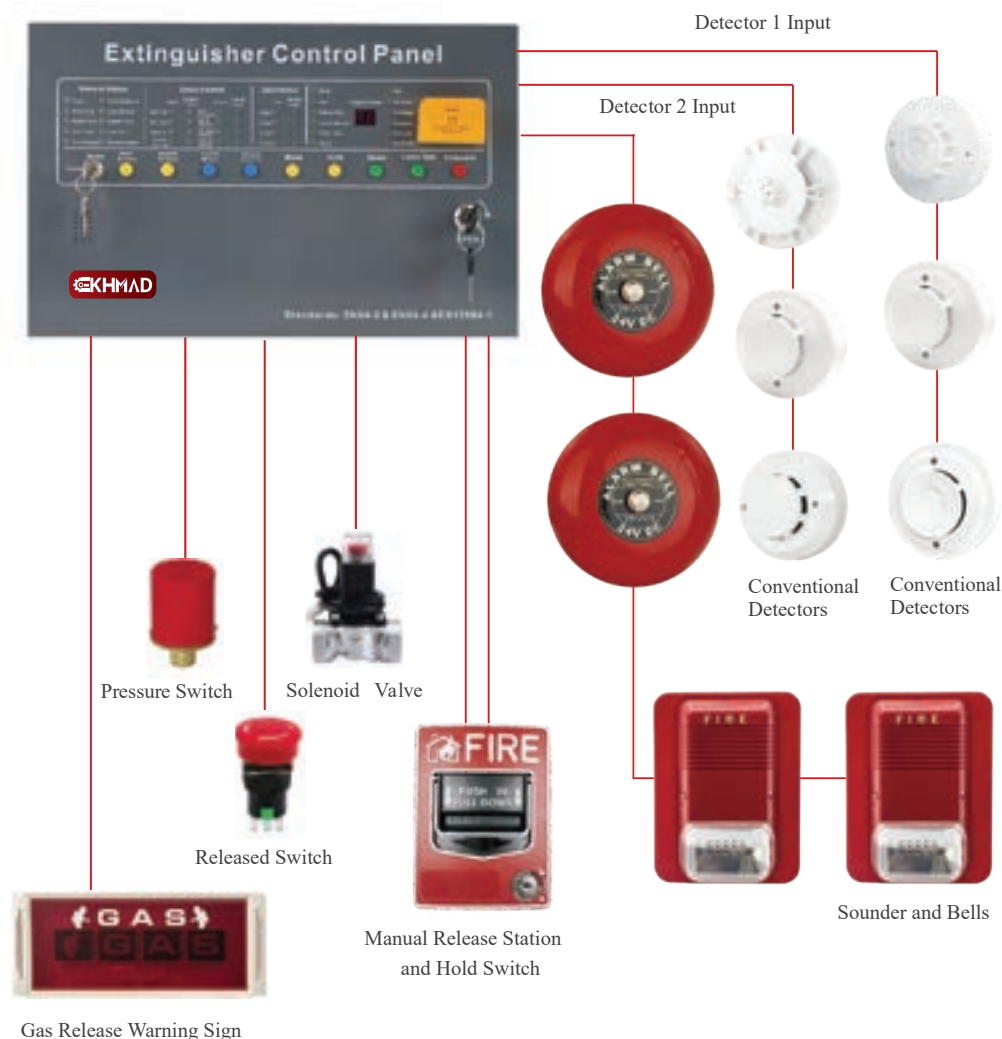
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GAS Extinguisher Release Control System



Models: EK-5204-4



Conventional Fire Alarm Panels



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

Ekhmad Brand

SASO Approved

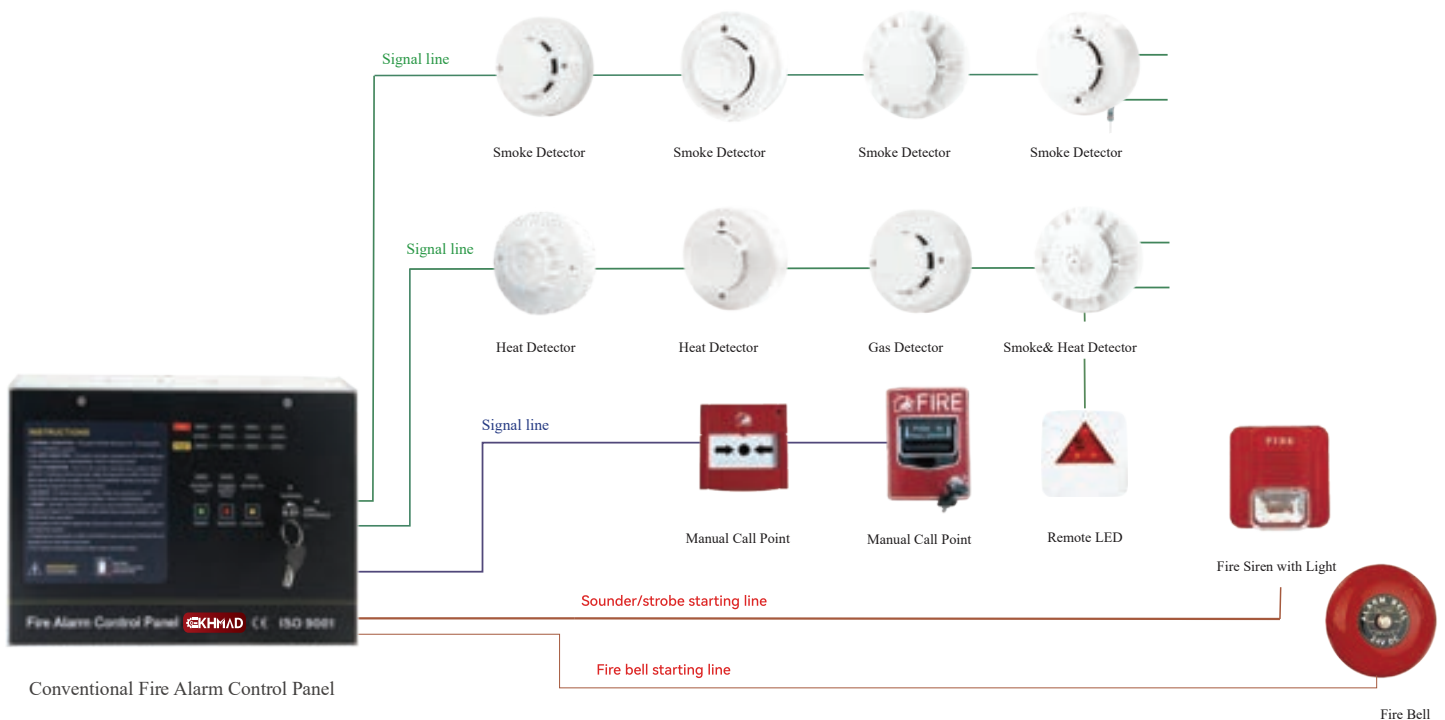
1 - 4 Zone

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

Ekhmad Brand

SASO Approved

1 - 24 Zone



Conventional Fire Alarm Panels

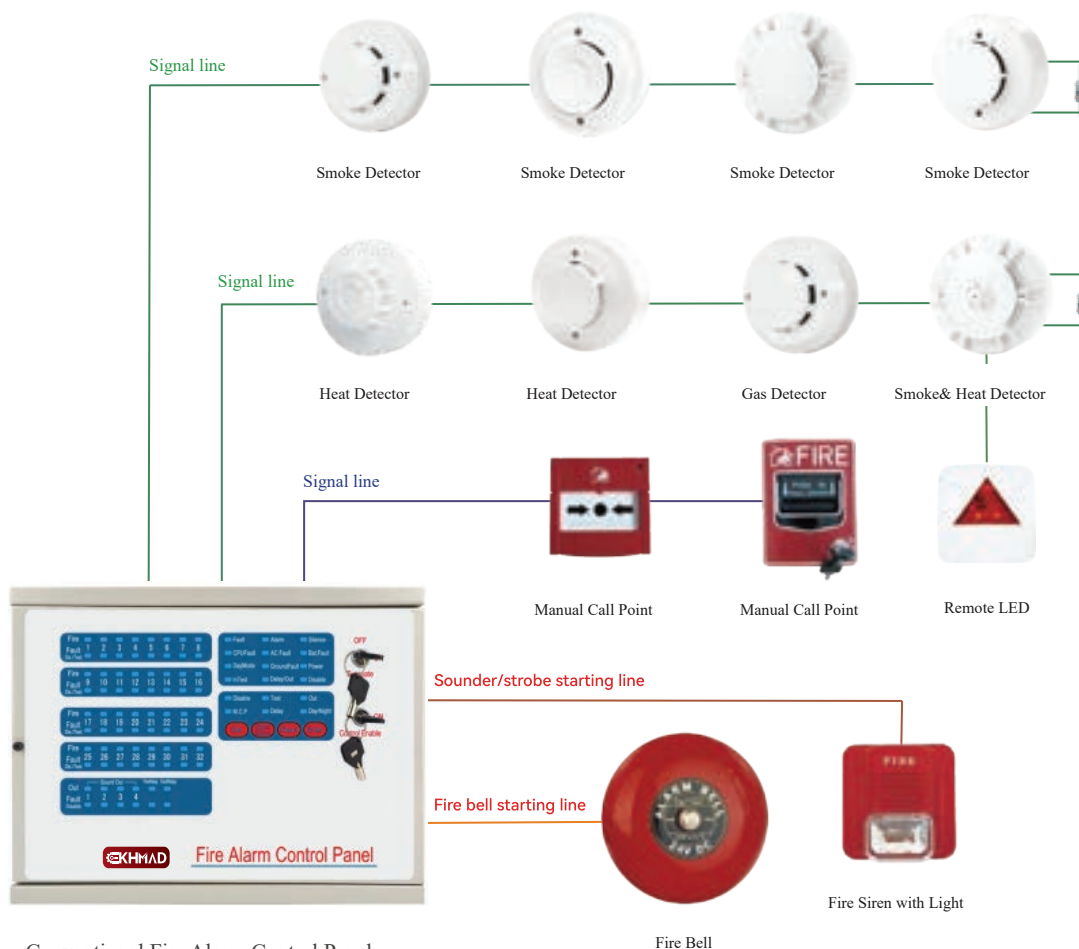


Models: EK-801-28/32

Ekhmad Brand

SASO Approved

1 - 32 Zone



Conventional Fire Alarm Control Panel

Fire Bell



Taurus Wireless Technology

Network channels





① Wire to Wireless Translator Module



② Wireless Expander Module



③ Wireless Conventional System Expander Module



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



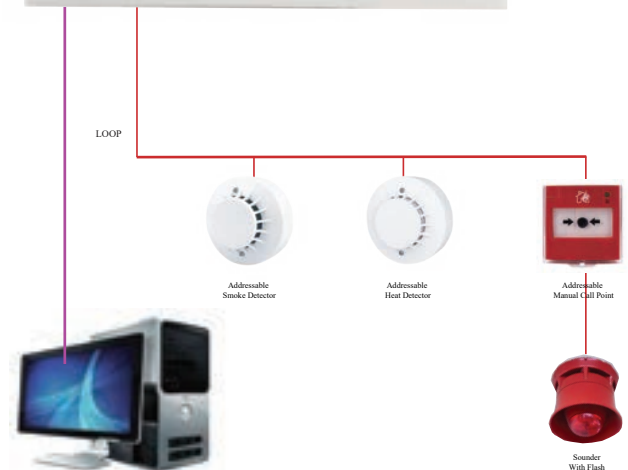
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Addressable detection and warning devices



**Addressable
Manual Call Point**



**Addressable
Smoke Detector**



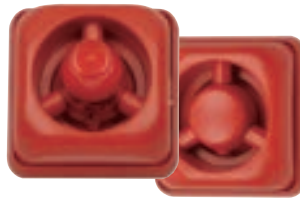
**Addressable
Heat Detector**



**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



**Ekhmad
Brand**



Certified

Exit Lights





**Ekhmad
Brand**



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**Special
Request**

**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



Disel Engine Solenoid



Thread machine pipe Die



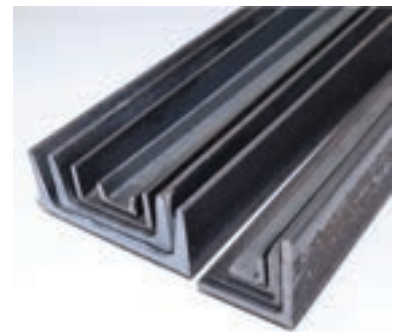
Thread machine Die Head



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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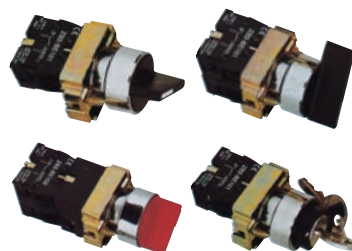
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FIRE PUMP CONTROL PANEL & ACCESSORIES



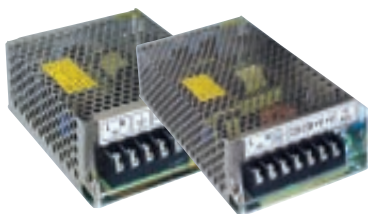
Indication Lamps



Push Button Switch



Fuse Holder



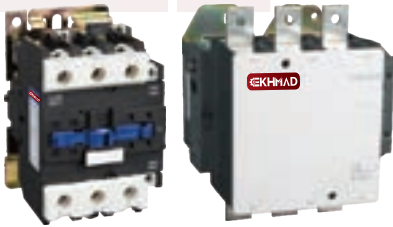
Switching power supply



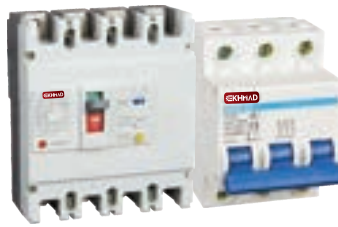
Relays



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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Dist.: Ibn Khaldun
Kaltham Commercial Center
Tel: (966) 013 827 99 22
Mob: (966) 051 001 0445
E-mail: info@ekhmad.com

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
Dist.: Al Malas
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
Tel: (966) 013 833 66 72
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
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E-mail: sales@ekhmad.com

Showroom - Jeddah

Street: Prince Majid Road
Dist.: Ar Rabwah Dist
Mob: (966) 056 990 9168
E-mail: sales@ekhmad.com

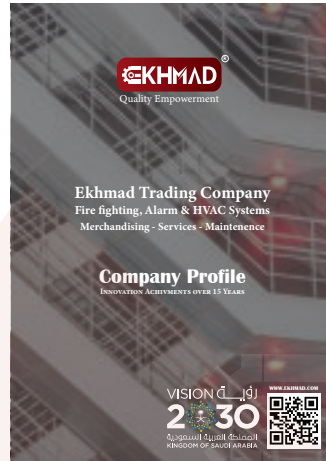
Warehouse - Madinah

Street: King Abdul Aziz Road
Dist.: Al Khalidiya
Mob: (966) 054 091 1382
E-mail: sales@ekhmad.com



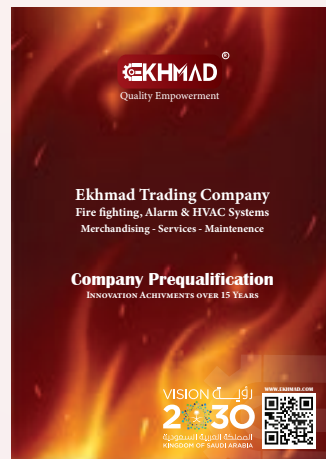
Related Documents

1



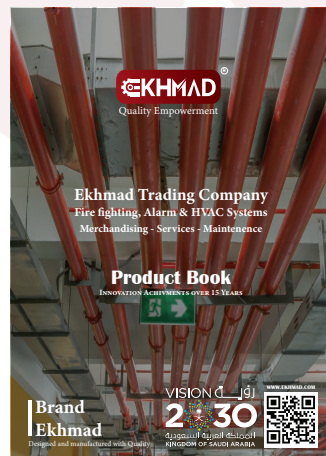
Ekhmad Company Profile

2



Ekhmad Project Pre-qualification

3



Ekhmad Total Product Book



NOTES



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