Your Perfect
Safety
Partner
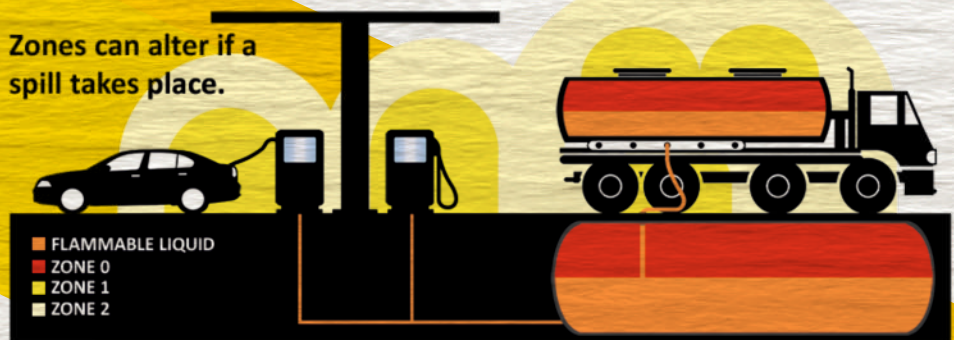
ET
SAFETY

انتك انسستريل سبليس تربدينغ
ENTECH INDUSTRIAL SUPPLIES TRADING

CENELEC/IEC standard marking

94/9/EC Marking

Notified Body number for production surveillance

Marking for equipment used in explosive atmospheres

Equipment Group I for Mines, II different from Mines

CE 0575 ⟨Ex⟩ II 1 G   Ex ia IIC T4 Ga

Notified/Accredited Body who has released certification

ATEX Directive 94/9/EC

BVS 14 ATEX 023 X — ATEX certificate

IECEx BVS 14 . 0019 X — IECEx certificate

European Community Manufactured according to applicable EC Directives

Equipment Category
Mines M1 Very High protection
       M2 High protection
Non 1 Very high protection
Mines 2 High protection
       3 Normal protection
       ( ) for associated apparatus

Hazardous Atmospheres
G: Gas, Vapour, Mist
D: Dust

Mark For specific types of protection according to the applicable standard [ ] for associated apparatus

Type of protection

Gas Group

Temperature Class

Equipment Protection Level

IECEx Scheme

Year of issuing

Certification Number Progressive

Supplementary letter
X: Particular conditions of use
U: Component

Fire triangle: Fuel (Vapour), Oxygen, Ignition Source

Zones can alter if a spill takes place.

- FLAMMABLE LIQUID
- ZONE 0
- ZONE 1
- ZONE 2

Zone Definitions:
Zone 0 - An area in which an explosive mixture is continuously present or present for long periods
Zone 1 - An area in which an explosive mixture is likely to occur in normal operation
Zone 2 - An area in which an explosive mixture is not likely to occur in normal operation and if it occurs it will exist only for a short time.

Equipment Group Numbers for Zones:
Group I   = Zones 0, 1 & 2
Group II = Zones 1 & 2
Group III = Zone 2

Relationship between ATEX Zones and required equipment

ATEX Zone			Equipment			
Zone: a place in which an explosive atmosphere is...	ATEX Zone		Level of protection is assured in...	Category	Marking	
	Gases	Dusts			Gases	Dusts
continually present	0	20	the event of two faults occurring independently of each other	1	⟨Ex⟩ II 1G	⟨Ex⟩ II 1D
likely to occur in normal operation occasionally	1	21	the event of one equipment fault	2	⟨Ex⟩ II 2G	⟨Ex⟩ II 2D
not likely to occur in normal operation and only for very short durations	2	22	normal operation	3	⟨Ex⟩ II 3G	⟨Ex⟩ II 3D

Chairman's Message

Dear Valued Customers and Partners,

I am pleased to welcome you to **ENTECH INDUSTRIAL SUPPLIES TRADING**, a leading provider of explosion-proof devices, safety products, detectors, personal protective equipment, and other general consumables. At **ENTECH INDUSTRIAL SUPPLIES TRADING**, we are committed to providing our customers with the highest quality products and services that promote safety and reliability in their workplaces and communities.

At **ENTECH INDUSTRIAL SUPPLIES TRADING**, our mission is to provide the highest quality safety products and services to our customers, to help them create safe and secure environments in their workplaces and communities. As the Chairman of **ENTECH INDUSTRIAL SUPPLIES TRADING**, I am proud to lead a team of dedicated professionals who share a common commitment to safety, quality, and innovation.

At our core, we believe that safety is a fundamental human right, and we are passionate about helping our customers achieve their safety goals. We are committed to leveraging the latest technologies, best practices, and industry standards to develop products and services that meet and exceed our customers' expectations.

We recognize that our success is dependent on the success of our customers, and we strive to build strong, long-lasting partnerships with them. We take pride in our ability to work collaboratively with our customers to identify their specific safety needs and provide tailored solutions that meet those needs.

As we continue to grow and expand, we remain committed to our values of integrity, excellence, and customer satisfaction. We are excited about the future, and we look forward to partnering with you to create safer, healthier, and more secure environments.

Thank you for your interest in **ENTECH INDUSTRIAL SUPPLIES TRADING**. We are honored to have the opportunity to serve you.

Sincerely,

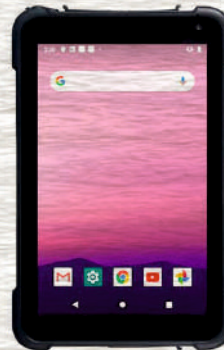The Chairman

ENTECH INDUSTRIAL SUPPLIES TRADING

ISO
9001:2015
CERTIFIED COMPANY

توطين
TAWTEEN

ICV
IN-COUNTRY VALUE
CERTIFIED

REALIX

RFEx 1.1 I S Mobile Phone

RxIS 202 I S Smart Phone

Rx Altitude I S Tablet

i.safe MOBILE

330.1 I S Mobile Phone

530.1 I S Smart Phone

930.1 I S Tablet

ecom
A PEPPERL+FUCHS BRAND

Ex Handy 10 I S Mobile Phone

Ex 02 I S Smart Phone

Ex 03 DZ1 I S Tablet

PIXAVI I S Smart Phone

Ex Mobile 10 I S Mobile Phone

120.1 I S Mobile Phone

Smart Ex 02 Camera

Pixavi Camera

TP3rEx Toughpix Digitherm Camera

Hytera

MOTOROLA

Tetra PT 580H

Tetra PT 790 Ex

Tetra MTP 8550 Ex

NIGHTSTICK
Life Depends on Light™

Head Lamp

XPP 5452G 180 L
3AAA Battery

XPP 5454G 160 L
3AAA Battery

XPR 5554G 160 L
USB Rechargeable

XPR 5562GX 300 L
USB Rechargeable

Area Lights

XPR 5568GX 250 L
Dual Light / Rechargeable

Lantern

XPR 5580G 300 L
Dual Light / Rechargeable

XPR 5584GMX 600 L
Vessel Inspection

Scene Light

XPR 5592GX 1200 L
Rechargeable

Handhelds

XPP 5418GX 200 L
3AAA Battery

XPP 5420GXA 210 L
3AAA Battery

XPP 5422GA 240 L
3AAA Battery

XPR 5522GMX 400 L
Magnet

Fire Safety Lighting

XPP 5465R 360 L
FORGE

XPR 5582RX 1750 L
Precision Lighting

XPR 5568RX 205L
Intrant

ADALIT

L 3000 Power

L 5 Power / L 5R Power

L 5000

L 5000 Z0

Respiratory Protection & Confined Space Ventilation

Portable BB50

I S Auto Air Cart

Fixed BB30

I S Air Compressor

**Electric Blower
SVB-E8EXP**

**12" Axial Fan
CVF-12EXP**

**12" Axial Fan Kit
CVF-12EX22**

**15" Duct Canister Fan
CVF-15CANEX**

Venturi

Air Portable Light- DC Power

Air-Light® II

I S Axial Fans

Gas Detetors

Single Gas   **Max XT II**   **Micro Clip XL**   **Rigrat**

Altair 4XR   **BM25**   **X-am 2500**   **Detective +**

Escape Hood

TST A2B2E2K2P3   **Parat**   **Full Face Mask**   **Half Face Mask**

77-3, 76-3   **SCBA**   **SCBA Air Trolley**   **PAK-UNI1**

Instrumentation Tools

Kestrel
Pocket Weather Meters

EXTECH
INSTRUMENTS

FLUKE

3000   **5400**   **EN300**   **971**   **Clamp Meter 322**

EN standards for protective gloves

CAT I   Glove covers the minimal risks when the glove is used for comfort only. If the job presents any kind of danger, the worker has to be equipped with a CAT II or III.

CAT II   Glove have been tested and certified by an independent notified testing company. They comply to mechanical risks, a type test according to EN388, directive 89/686EEC.

CAT III   Glove used in hazardous enviroments and significant, irreversible risk for serious injury.

EN 420   Basic requirements for gloves.
Here points are glove sizes, PH, chromium (VI) content set or dexterity

EN 511   Protection against cold
a. resistant to convective cold
b. resistant to contact cold
c. water permeability

EN 407   Protection against heat and fire (for example, welding gloves)

EN 374   Bacteriological contamination

Chemical dangers

EN 388   Mechanical risks

2242 CX
- Impact P, F, X
- Cut (TDM-100Test) A-F
- Puncture 0-4
- Tear 0-4
- Cut (Coup test) 0-5
- Abrasion 0-4

Logo

CE mark

EN 388   EN388 mark

4543 DX   EN388 data

Size: 9   Size number

Art number   Art. NO

ISO 9001

General Purpose

. Lining: 15 gauge nylon and spandex
. Coating: High technology foam nitrile palm coated
. Color: Grey/Black
. Size: S, M, L, XL, XXL
. Norm: EN 420, EN 388: 4121 X
. Features: Breathable, Anti-slip,High dexterity and Flexibility
. Application: Manufacturing, Automotive, Aircraft assembly
             and Maintenance

EN388:2016
4121 X   CE   [i]   *TOUCH

AG 1060

Precision Purpose

. Lining: 15 gauge nylon and spandex Maxi Flexible use
. Coating: High technology water spray foam nitrile coating
. Color: Grey/Black
. Size: S, M, L, XL, XXL
. Norm: EN 420, EN 388: 4121 X
. Features: Breathable, Anti-slip,High dexterity and Fexibility
. Application: Manufacturing, Automotvie, Aircraft assembly &
             Maintenance

EN388:2016
4121 X   CE   [i]   *TOUCH

AG 32 874

Cut Protection

. Lining: 13 gauge grey black nylon/HPPE/Steel/Glass fiber liner
. Coating: Black polyurethane coating
. Color: Grey\Black
. Size: S, M, L, XL, XXL
. Features: Cut resistant, Good abrasion, High dexterity, Anti-slip
. Application: Steel industry, Handling sharp or Irregular edged
             metal parts, Plastic injection and Moulding

4 ANSI CUT

CE [i] CAT II   EN388 4X43 D   ANSI CUT A4 EN CUT D   *TOUCH

AG 786

Impact Protection

. Lining: 13 gauge grey black nylon/HPPE/Steel/Glass fiber liner
. Plam: Sandy finish black coating over the plam and fingers
. TPR: Black/Yellow/Green on back. Black aramid fabric at
       thumb crotch
. Color: Grey/Black & TPR Black/ Yellow/Green Hi Viz
. Size: S, M, L, XL, XXL
. Features: High CUT RESISTANT LEVEL A8, Anti vibration with pad,
           Anti oil, Imapct & Slip
. Application: Oil & Gas, Construction and Mining, Automotive &
             Heavy Equipment Operation

8 ANSI CUT

CE [i] CAT II   EN388 4X44 FP   ANSI CUT A8 EN CUT F   *TOUCH

AG 1210

*Optional

General Purpose

. Lining: 13 gauge nylon (polyester available)
. Coating: Nitrile plam coated
. Color: Grey/Black
. Size: S, M, L, XL, XXL
. Norm: EN 420, EN 388: 4121 X
. Features: Good abrasion, High dexterity and Flexibility
          Anti-Slip, Anti-Oil
. Application: Manufacturing, Automotive, Aircraft assembly,
          Logistics, General work

EN388:2016
4121 X   CE   TOUCH *

NY 1350 GR

Cut Protection

. Lining: 13 gauge nylon and HPPE and glassfiber
. Coating: Polyurethane(PU)
. Color: Grey
. Size: S, M, L, XL, XXL
. Norm: EN 420, EN 388: 4442 X
. Features: Cut resistant, Good abrasion, High dexiterity, Anti-Slip
. Application: Mechanic, Aeronautics & Automotvie industry,
          Carft, Glass Manufacturing

CE   EN388   ANSI CUT   TOUCH *
CAT II   4X43 D   EN CUT D

ANSI CUT 5

DY 110 PU H

Cut Protection

. Lining: 13 gauge nylon and HPPE Glass Fiber / Steel Liner
. Coating: Sandy nitrile
. Color: Grey /Black
. Size: S, M, L, XL, XXL
. Features: Cut resistant, Good abrasion, High dexiterity, Anti-Slip
. Application: Mechanic, Aeronautics & Automotive Industry,
          Craft, Glass Manufacturing

CE   EN388   ANSI CUT   TOUCH *
CAT II   4X43 D   EN CUT 5

ANSI CUT 4

DY 1350 F H

Impact Protection

. Lining: 13 gauge grey black nylon/HPPE/Glass fiber liner
. Coating: Sandy finish nitrile, Anti vibration padding
. Back: TPR, Magic Buckle
. Color: Hi-Viz yellow / Black
. Size: S, M, L, XL, XXL
. Features: Anti Vibration, Anti-Oil, Anti-Imapct, Anti-Slip,
          High Cut Resistant level
. Application: Oil & Gas, Construction and Minig, Automotive,
          Heavy Equipment Operation

*Optional

CE   EN388   ANSI CUT   TOUCH *
CAT II   4X44 FP   EN CUT 5

ANSI CUT 8

DY 1350 AC H

INDUSTRIES
QUALITY ASSURE

Safety ®

Safety Icons Glossary: What They Indicate

EN 343
Waterproof and breathable protective clothing.
The EN 343 class 3:3 indicates the highest levels of waterproofness and breathability.

EN 20471
High visibility clothing.
EN ISO 20471 specifies the requirements for high visibility clothing to the visual presence of the passive road user in both day light and low light situations.

AS/NZS 1906.4. 2010
Retroreflective materials and devices for road traffic control purposes.
Specifies the photometric, colorimetric and physical property requirements for high-visibility materials for outdoor daytime use where the wearer needs to be highly visible.

RIS-3279-TOM
Rail industry standard for high visibility clothing.
RIS-3279-TOM specifies the minimum requirements for high visibility clothing that is to be provided for wearing by people when on the lineside or on or near the line of an operational railway.

ANSI/ISEA 107/Class 3 Compliant
American National Standard for High-Visibility Safety Apparel. - ANSI/ISEA 107 presents three performance classes of garments based on the number of visible materials and design attributes incorporated into the final configuration, and identifies garment types based on expected use settings and work activities being performed.

EN 11611
Protective clothing for use in welding and allied processes.
EN 11611 specifies the requirements for welding clothing, including, welding hoods, aprons, sleeves and gaiters.

EN 11612
Protective clothing to protect against heat and flame.
EN 11612 specifies the requirements for heat and flame-resistant clothing that covers the entire body, excluding hands, feet, neck and head.

IEC 61482
Protective clothing with protection against the thermal hazards of an electric arc.
IEC 61482 specifies requirements for flame and heat-resistant protective workwear where there is also the risk of an electric arc.

NFPA 70E
Standard for electrical safety in the workplace.
NFPA 70E specifies the requirements for safe work practices to protect personnel by reducing exposure to major electrical hazards such as shock, electrocution, arc flash, and arc blast.

UL Classified
UL Classification specifies that UL has tested and evaluated samples of a product with respect to certain properties of the product.

EN 1149-5
Protective clothing with electrostatic properties.
EN 1149-5 specifies the properties for protective wear used in explosive atmospheres. The clothing is part of an earthed system to avoid ignition sparks.

NFPA 2112
American Flame Resistance Standard for personal fire-resistant protective garments.
The NFPA 2112 standard specifies the basic minimum requirements and test methods for flame resistance for personal fire-resistant protective garments.

EN 469 : 2005+A1:2006
This European Standard specifies minimum levels of performance requirements for protective clothing to be worn during firefighting operations and associated activities such as e.g. rescue work, assistance during disasters. The described clothing is not meant to protect against deliberate chemical and/or gas cleaning operations.

Authorized JV Partner

ET SAFETY

ACI WORKWEAR

IFR Pro Max

Fabric	
93% Meta Aramid (Nomex), 5% Para Aramid (Kevlar) & 2% Antistatic	**GSM: 150 to 180**

Certifications

EN 11611   EN 11612   EN 1149-5   IEC 61482   NFPA 70E   NFPA 2112   UL

IFRM QTR 150

FR Pyrovatex

Fabric	
100% Cotton Pyrovatex FR Treated 220	**GSM: 235 to 310**

Certifications

EN 11611   EN 11612

PYROVATEX® HUNTSMAN
Enriching lives through innovation

FR SDR 240

Flame Pro Coverall

Fabric	
50% Modcarylic, 38% Cotton, 10% Kevlar, 2% Antistatic	**GSM: 245**

Certifications

EN 11612   EN 1149-5   IEC 61482   NFPA 70E   NFPA 2112   UL

IFR MOD SDR 180

Flame Lite Coverall

Fabric	
93% Teijinconex, 5% Twaron, 2% Antistatic	**GSM: 150**

Certifications

EN 11612 *Optional   EN 1149-5   IEC 61482   NFPA 70E   NFPA 2112   UL

TEIJIN

Available Colors:

Cotton Executive

Fabric
100% Cotton coverall,
Pre shrunk, Color fastness

GSM:
210 to 340

CN EXR

Cotton Standard

Fabric
100% Cotton coverall,
Pre shrunk, Color fastness

GSM:
210 to 340

CN SDR

Cotton Standard Without Reflective

Fabric
100% Cotton coverall,
Pre shrunk, Color fastness
Without Reflective Tape

GSM:
210 to 340

CN SD

Disposable Coverall

Fabric
Polypropylene
Color : White
Guard aganist liqued splashes & Dusts

GSM:
30 to 60

DC 40

PU Coated Rain Jacket

Fabric
100% Polyester 300D PU Coated

Certifications

Seam Sealing	Multi Pocket Design	EN 20471	EN 343-3-3

High Visibility Hoodie

Fabric
100% Recycled Polyester

GSM: 280

Certifications

EN 20471	ANSI/ISEA 107 / Class 3 Compliant

HV 12

IFR Promax Hoodie

Fabric
93% Meta Aramid (Nomex),
5% Para Aramid (Kevlar) &
2% Antistatic

GSM: 150 180

Certifications

EN 11612	EN 1149-5	IEC 61482	NFPA 70E	NFPA 2112	UL

Army Pro Vest

Fabric
Light weight plan polyster, Air mesh,
Breathable, Reflective
GSM: 80, 100, 120, 130

*Optional

Available Colors: ● ● ● ● ●

TWENTY ONE
WORKWEAR

PPE & Road Safety

Safety Helmet

Face Shield & Bracket

Safety Goggle

Safety Glass

Chemical Goggles

Safety Shoes

Rigger Boot

Gum Boot

Ear Muff Helmet Mounted

Ear Muff Head Mounted

Ear Plug Coded

Ear Plug Un Coded

Safety Harness
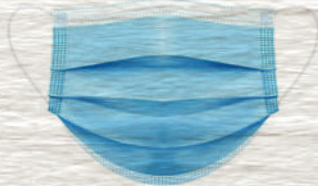
Surgical Mask

N95 Mask

Traffic Cone

Traffic Barrier
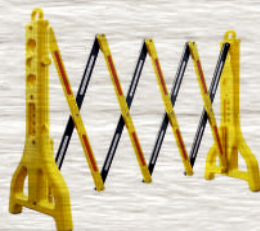
Expandble Barrier

Warning Light

Traffic Lenses

Explosion Proof Electrical Equipments
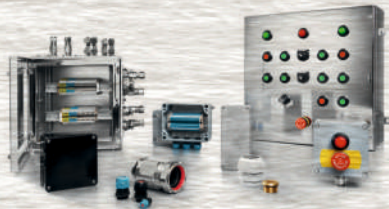
Control Station

Custom Made DB

Distribution Board

Exit Light

LED Light

Linear Light

Portable Light

Plug Socket

Emergency Switch

Wall Mount Plug
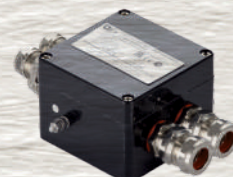
Junction Box
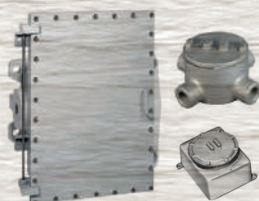
Junction Boxes
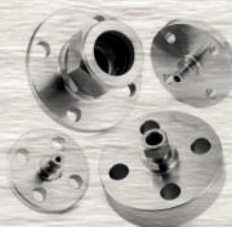
Flange Adapters

Pressure Tube Fittings

Flange Adapters
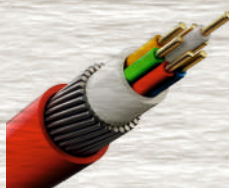
*Optional
Fire Rated Cables
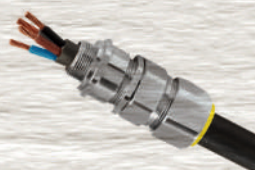
Cable Glands

Termination Kit

Joinig Kit

Swagelok®

CEAG

ppleton®

STAHL

use-Hinds

General Hardwares

Plumbing Hardwares
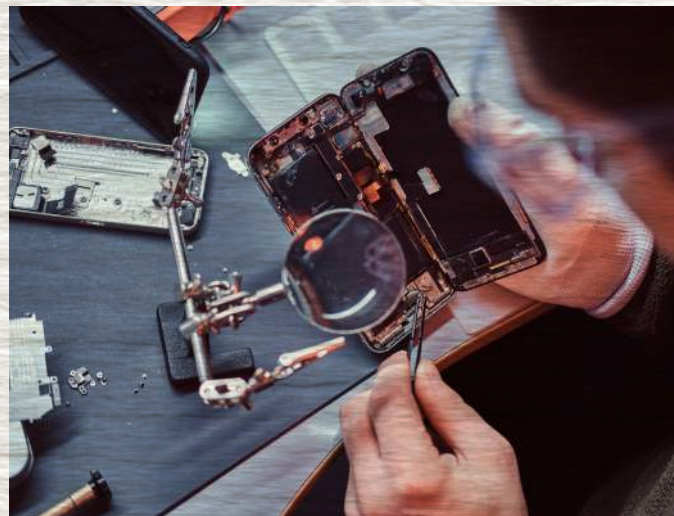

Paint Hardwares

Consumables

Electrical Hardwares

Service Center

Calibration Center

Mobile Repair Center

Certificates

Dealership

Major Clients

& Many More EPC Contractors

19

REALIX · ECOM A PEPPERL+FUCHS BRAND · i.safe MOBILE · ATEX experts · BARTEC · PIXAVI · CorDEX

Hytera · NIGHTSTICK Life Depends on Light · ADALIT · SA EQUIP · AIR SYSTEMS INTERNATIONAL · Honeywell

ACI WORKWEAR · CLUB TWENTY ONE WORKWEAR · SAFE INDUSTRIES QUALITY ASSURE · ARMY SAFETY ENSURING SAFETY · NMSafety

Dräger · MSA The Safety Company · BW Technologies by Honeywell · Appleton

STAHL · Crouse-Hinds by EATON · Swagelok

Sika · DuPont Nomex

3M

EXPERT IN EXPLOSION PROOF

Ex · IEC · IECEx

ET SAFETY

انتك انتستريل سبليس تريدينغ
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www.entechqa.com