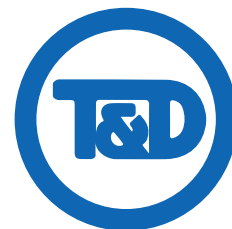


# EXPLOSION PROTECTION



Experts in Equipment for  
Explosive Atmospheres



**TOTAL SUPPLY • MEASURE • DETECT • METER • POWER • LIGHT • HEAT**





## 100,000+ PRODUCTS 100+BRANDS

Thorne & Derrick International were established in 1985 and are now one of the largest specialist distributors and worldwide exporters of LV-HV Electrical, Mechanical, Process & Instrumentation – we have a solid reputation for knowledge, service and integrity.



**30 YEARS OF SERVICE**



**INTEGRITY**



**KNOWLEDGE**



**RELIABILITY**

## LIGHTING

Portable, Temporary & Fittings

Hazardous area lighting and luminaires including linear, wellglass, floodlight and bulkhead lights certified by ATEX & IECEx for Zone 0, Zone 1 & Zone 2 lighting in potentially explosive atmospheres.

**Wolf**

**Petrel**  
Hazardous Area Equipment



## PROCESS INSTRUMENTATION

Flow, Temperature, Pressure & Level Measurement

Sensors, transmitters, probes, instruments and meters for reliable and accurate process measurement in potentially explosive atmospheres.

**SICK**

**KROHNE**

**rotronic VEGA**





## ELECTRICAL HEATING

### Immersion, Air, Line & Water Heaters

Hazardous area electrical heating provides frost protection and process temperature maintenance of liquids and gases in potentially explosive atmospheres, including Zone 1 and Zone 2.



**NEW EXHEAT "The Bulldog"** - the world's first truly portable hazardous area fan assisted heater for hazardous area location heating.

**EX**  
**HEAT**

## ELECTRICAL HEATING

### Drum, IBC, Tank & Hose

Highest performance heating for temperature control and frost protection of bulk containers (IBC's), storage drums, pumps, pipes, tanks and gas bottle cylinders.



## GAS DETECTORS

### Portable & Fixed

Single and multi-gas detectors for toxic and flammable gases in industrial and hazardous areas including hydrogen sulphide, methane, carbon monoxide and offshore hydrocarbon gases.

**CROWCON**  
Gas Detection You Can Trust

**Dräger**



## HEAT, FLAME & FIRE DETECTION

### Cables, Sensors & Detectors

Advance warning of overheating and early stage detection of heat, flame and smoke to prevent fire – analogue, digital and fibre optic fire and heat detection cables are available.

**PATOL**  
FIRE DETECTION SOLUTIONS

**SPECTREX INC.**  
WORLD LEADER IN FLAME DETECTION



## HEAT TRACING CABLE & SYSTEMS

### Self-regulating, Mineral Insulated, Constant Wattage & Instrument Tubing Bundles

Trace heating cables provide frost protection and process temperature maintenance to pipes, vessels, tanks, hoppers, valves and drums – process heating of aggressive organic and inorganic chemicals up to 550°C.

**THERMON**



## CONTROL STATIONS & PUSHBUTTONS

### Stainless Steel, Plastic & GRP

Hazardous area control stations, surface or panel mounted, for potentially explosive atmospheres and suitable for Zones 1 & 2 gas and Zone 21 & 22 dust environments various push buttons, emergency stops, switches, mushroom heads and indicator lamps integrated into control station.

**PEPPERL+FUCHS**  
SENSING YOUR NEEDS

**Technor**



## ENCLOSURES & JUNCTION BOXES

LV, MV, HV up to 33kV

Enclosures for instrumentation, power or control applications – stainless steel, mild steel, glass reinforced polyester, aluminium and polycarbonate certified according to ATEX and IECEx.



## SOLENOID VALVES

SIL3 NACE ATEX NAMUR Valves

General service and hazardous area location 2-way, 3-way and 4-way solenoid valves to handle flow control of liquid, gas, steam and oil in both onshore and offshore installations.



## SIGNALLING

Sounders, Beacons & Call Points

Explosion proof audible and visual signalling devices for fire and gas detection in industrial onshore, marine and offshore hazardous locations – with integral flameproof Ex d enclosure (ATEX & IECEx approved).



## PLUGS, SOCKETS & ISOLATORS

Decontactors – Safe Disconnect Under Load

LV power supply include industrial, high current and hazardous areas decontactors – decontactors are Ex de explosion protected and compliant with ATEX and IECEx standards suitable for Zones 1 & 2 (Gas) and Zones 21 & 22 (Dust).



## MOBILE COMMUNICATIONS

Smartphones, Tablets & Computers

The world's first Zone 1/21 & Div. 1 certified hazardous area tablet - the Ecom Tab-Ex® 01.



## LV-HV CABLE ACCESSORIES

Joints, Terminations, Glands & Cleats

LV-HV cable accessories to support the installation of power cable circuits in hazardous area locations – UK's largest 3M Stockist for Cold Shrink and Scotchcast joints and terminations up to 33Kv.





# hazardex

The original and only global information site for the hazardous area safety community.

With its own dedicated app, publication and events.



## THE EXPLOSIVE ATMOSPHERE EXPERTS

### TRUST OUR EXPERTISE

All T&D Sales Engineers hold CompEx Certificates (Hazardous Awareness Course EX F) and undertake advanced and ongoing Explosion Protection training with suppliers – we can be safely trusted to specify and supply explosion-proof equipment compliant with international hazardous area classifications.

We have vast experience supplying UK and global oil, gas and petrochemical industries - our Export Team can handle all your export documentation requirements.



## Join our LinkedIn Discussion Group

LV HV Power, Process, E&I & Hazardous Area Professionals

## 10K+ MEMBERS

### DISCUSSIONS INCLUDE:

Process & Hazardous Area Industries:  
Heat Tracing, Gas Detection,  
Flow Control & Process Measurement.

NETWORK • ENGAGE • PROMOTE



### UK & Export Sales Office

Unit 7, Lumley Court  
Drum Industrial Estate  
Chester-le-Street, DH2 1AN

T: 0191 410 4292  
F: 0191 411 1323  
E: [hpsales@thorneandderrick.co.uk](mailto:hpsales@thorneandderrick.co.uk)



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