

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.



PROCESS INSTRUMENTATION

Flow, Temperature, Pressure & Level Measurement

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



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.

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.



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.



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.



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.



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



International "door-to-door" Delivery



Over 100,000 Products and 100 Brands



Technical Support Service



Over 30 Years Of Trading Experience

Follow us   

www.heatingandprocess.com