

HAZARDOUS AREA PRODUCTS



Routeco is a specialist supplier of hazardous area equipment

We have the in-house expertise to offer a complete range of ATEX control solutions for both gas and dust applications. Our range of ATEX solutions, including bespoke control systems, encompasses all of the major protection concepts, including:

- **Intrinsically safe (Ex i) solutions for zone 0**
- **Increased safety (Ex e) terminal boxes**
- **Flameproof (Ex d) panels and equipment**
- **Ex n solutions (Ex nA, nC and nR) for zone 2 control panels**
- **Protection by enclosure (Ex t) specifically for explosive dust environments.**



What Routeco can offer you...



Working alongside global supply partners and many other specialist suppliers, we have an enviable offering of products and solutions for Hazardous Area customers

Services We Offer:

- Training customised to clients requirements
- Introduction to hazardous areas
- Dust hazards
- Intrinsic safety
- Lunch and learn sessions

Design Assistance:

- Converting non ATEX systems for zoned hazardous area
- Protection method options
- Equipment type selection
- Compare commercially and technically different manufacturers offerings

Site Surveys:

- On non-certified equipment to assess for conversion to ATEX
- On existing equipment to assess suitability for the zoned area

Routeco Assembly Cell either in house or working with partners and third parties provide assembled and certified Ex e, Ex d, Ex de and Ex n panels and systems for gas and dust as well as Ex t dust solutions.



EATON MTL

Crouse-Hinds
by **EATON**



- Galvanic isolators
- Zener barriers
- IS displays
- Surge protection
- IS Ethernet, wireless



EATON CEAG

Crouse-Hinds  **CEAG**
by **EATON**

- Light fittings
- Portable lighting
- Switchgear
- Connectors
- Control stations
- Isolators
- Conduit
- Power distribution boards
- Power circuit breakers
- Motor starters
- Ex d IIB enclosures
- Ex e IIC enclosures



EATON MEDC

Crouse-Hinds  **MEDC**
by **EATON**

- Alarm call points
- Status lamps
- Beacons (strobes)
- Sounders (horns)
- Speakers
- Heat detectors
- Fulleon industrial range
- ATEX certified CCTV



PETREL


Hazardous Area Equipment

- Emergency fluorescent luminaries
- Recessed fluorescent luminaries
- Compact fluorescent luminaries
- Flood light
- Bulkhead luminaries
- Well glass luminaries
- LED luminaires



CMP



- Cable Glands for Ex d, Ex e, Ex n, Ex t
- Adapters
- Breathers & drain plugs
- Certified stopper plugs



ROCKWELL AUTOMATION

**Rockwell
Automation**

- Intrinsic safety FlexEx I/O
- ATEX certified HMI for Zone 2
- Zone 2 general I/O
- Zone 2 PLCs
- Zone 2 power supplies
- Zone 2 ethernet solutions
- North American certified components



STEUTE

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- Magnetic sensors
- Position switches
- Wireless switches
- Safety switches
- Pull wire switches
- Safety interlocks



ENDRESS+HAUSER

Endress+Hauser 
People for Process Automation

- Level transmitters
- Pressure transmitters
- Temperature probes
- Displays
- Chart recorders
- Flow meters
- Analytical



WEIDMÜLLER



- Signal conditioning
- Signal converters
- Junction boxes



CE-TEK



- Ex e, Ex n and Ex t certified enclosures
- GRP enclosures
- Stainless steel and aluminium enclosures
- Ex d enclosures and control panels



INDEX



- Stainless steel terminal boxes
- Custom stainless steel enclosures
- Certification Solutions Ex nA, nC, nR, and Ex p
- Control stations
- Line bushing



ROUTEKO ASSEMBLY CELL



Routeko can build to the customers specifications enclosures ranging from part-build to full-build, of JB's through to complete control panels. Working within the quality control procedures of Weidmüller, Routeko can assemble and certify Ex e terminal boxes, and working with partners can provide assembled and certified Ex e and Ex d panels.





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Routeco understand my business and I view them as a partner and part of my extended team, this works very well and has a mutually beneficial effort for both my company ALS and Routeco, I would not hesitate in recommending Routeco as a company to start generating a business relationship with.

Andrew Steward
ALS Controls

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Routeco has successfully established itself as one of Europe's leading distributors of industrial automation and control products. Over an impressive period of sustained and continuous growth, Routeco has secured a network of sales locations employing over 300 personnel.

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