



Explosion Protection International Training Ltd

Complus Program

Explosion Protection Systems Inspection & Installation

Course Overview

A competence based course designed to give an understanding in hazardous area concepts for the use of electrical equipment. The course explains the protection methods from manufacture to installation, inspection and maintenance requirements, along with samples illustrating high standards of practice. Advice will be given on the current progress for CEN/IEC standards for electrical and non-electrical equipment.

A practical understanding in the selection of equipment is covered along with the choice and installation of cables and glands.

Course Content

16 Units with assessment including practical inspection reporting covering:

- Area classification
- Ignition properties
- Definitions and terms
- EN/IEC standards for electrical and instrumentation
- Ingress protection
- Flameproof
- Increased safety
- 'n' types of protection
- Pressurization
- Intrinsic safety systems
- Hybrid protection
- ATEX certification, documentation, labelling
- Cable types, glanding, earthing
- Inspections, maintenance for electrical and instrumentation
- Additional international standards
- References to NEC 500, NEC 505 zoning
- Practical reporting for electrical and instrumentation
- Installation & termination of cables and glands
- Written assessment

Target Audience

Personnel with electrical, instrument or mechanical background within industry who require an understanding in the selection and installation of equipment for hazardous areas. Also suitable for technicians engaged in the procedures for inspections to EN/IEC 60079-17 and in carrying out effective on-site maintenance.

Venue

Blackburn Business
Aberdeen, UK
AB21 0PS
Tel: 01224 798635

Course Times

9.00am - 5.00pm

Course Price

£825.00 per delegate

Duration

5 - Days

Lunch

Included

Dates

Please refer to our calendar of dates

Min. delegates

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Special Requirements

PPE

Certification

A Certificate of Competence will be provided detailing the contents in the course.
Validity 4 Years.