



Explosion Protection International Training Ltd

Complus Program

Explosion Protection Systems & ATEX Guidance

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 CENLEC/CEN/IEC standards for electrical and non-electrical equipment.

The compliance requirements for the ATEX Directives and CE Marking are also covered.

Course Content

16 Units with assessment and an overview of ATEX 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
- Guidelines in ATEX Directives 94/9/EC, 1999/92/EC
- Written assessment

Target Audience

Personnel with electrical, instrument or mechanical background within industry who require an understanding in the selection of equipment for hazardous areas. Suitable for engineers working on projects and pre-planning of inspection programmes to EN/IEC 60079-17 and the implications of DSEAR for maintenance.

Venue

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

Course Times

9.00am - 5.00pm

Course Price

£766.00 per delegate

Duration

4 - Days

Lunch

Included

Dates

Please refer to our calendar of dates

Min. delegates

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Special Requirements

None

Certification

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