

ROXBY



Training Solutions

CompEx

Responsible Person

Ex14

Course Content

Aim

To ensure that 'Responsible Persons' and 'Technical Persons with Executive Function' as defined in IEC 60079-14 and/or 60079-17 have knowledge, skills and competencies to enable them to meet the requirements of these IEC standards and relevant directives.

The intention is to assess the level of competency of the individual, with regards to these standards and directives to enable them to manage skilled personnel and competent operatives / technicians conducting selecting, erection, inspection and maintenance duties so as to ensure that plant and equipment remains fit for continued use in an explosive atmosphere.

The content to be covered and the assessment methodology include both theory and practical applications for the various aspects of the role.

On completion of the assessments the documentation is sent to the Awarding Body for marking and if successful, the candidates shall be issued with a certificate of core competence by JTL and EEMUA.

Pre-requisites

Delegates for the course should uphold positions of a 'Responsible Person' and/or 'Technical Persons with Executive Function.'

Course Duration

The course is 4 days in duration.

Optimum Number

A maximum of 10 delegates per course.

Course Language

The course is delivered in English. Therefore candidates must have good standards of both written and verbal English.

Courses can be delivered in other languages however, this would need to be discussed prior to acceptance on the course. It is the responsibility of the person making the booking to make Roxby aware of this requirement.

Training Aids

A Roxby Presentation using course hand-outs. This is followed by theory and practical assessments.

Course Program

Legislation and Standards

Explosive Atmospheres (gases / vapours and combustible dusts)

Hazardous Area Classification

Ignition Sources

Equipment Concepts

Competency

Design, Selection and Installation (IEC 60079-14)

Equipment Repair and Reclamation (IEC 60079-19)

Inspection and Maintenance (IEC 60079-17)

Course Schedule

Typical Timings of Course Programme:

Day One 9AM – 4.30PM

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| Introduction and Induction |
| Course Objectives and Structure |
| Foundation style multichoice assessment (45 mins) |
| BREAK |
| Video: Remembering Piper Alpha |
| Feedback on foundation results |
| Legislation and Standards Discussion on Piper Alpha and HSE EC&I delivery guide |
| LUNCH |
| Explosive Atmospheres (gas/vapours and combustible dusts) Discussion on Buncefield & Bosley |
| BREAK |
| Hazardous Area Classification – Part 1 |

Roxby Training Solutions Limited
Unit W1 Wellington Court, Preston Farm Business Park, Stockton-on-Tees, TS18 3TA
Company No. 07206012 - Vat No: 990208025
Tel: +44 (0)1642 438700
Web: www.roxby.com

Day Two 9AM – 4.30PM

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| Hazardous Area Classification – Part 2 Discussion on candidates approach to HAC on their site |
| Ignition Sources |
| BREAK |
| Equipment Concepts – Part 1 |
| LUNCH |
| Equipment Concepts – Part 2 |
| Competency – Part 1 |
| BREAK |
| Competency Part 2 Discussion on installation & inspection personnel on site (inc. local & remote support) |
| Design, Selection and Installation (IEC 60079-14) Part 1 |

Day Three 9AM – 4.30PM

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| Design, Selection and Installation (IEC 60079-14) Part 2 |
| BREAK |
| Equipment Selection Exercise |
| Discussion on 'design and installation' management and change control |
| Repair and Reclamation (IEC 60079-19) Part 1 |
| LUNCH |
| Repair and Reclamation (IEC 60079-19) Part 2 |
| Inspection and Maintenance (IEC 60079-17) Part 1 |
| BREAK |
| Inspection and Maintenance (IEC 60079-17) Part 2 |

Day Four 9AM – 3PM

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| Inspection and Maintenance (IEC 60079-17) Part 3 Exercise on remedial prioritisation Discussion on inspection and maintenance management |
| BREAK |
| Ex14 Multi-Choice assessment Part 1 (60 mins) |
| LUNCH |
| EX14 Multi-Choice assessment Part 2 (90 mins) |
| Feedback |