

ROXBYP



Training Solutions

CompEx Ex01R - Ex04R
Refresher

Introduction

CompEx is the national training and assessment scheme for electrotechnical craft personnel who work in potentially explosive atmospheres, such as on-and off-shore petrochemical plants, distilleries, petrol forecourt environments and flour mills.

CompEx is a national joint training initiative developed and implemented by the Engineering Equipment and Material Users Association (EEMUA) and JTL, and is supported by the Health and Safety Executive (HSE).

JTL who are the National training agent for the Electrical contracting industry has been appointed to develop, operate and manage the training provision across the UK and has licensed and accredited a number of centres to deliver the training and assessment.

Aim

The 2 day Refresher course intends to deliver competence based training and assessment in the selection, use, maintenance, and inspection of electrical apparatus in potentially explosive atmospheres in accordance with the requirements of BS EN 60079 series relevant standards

On completion of the assessments, these are sent to the Awarding Body JTL for marking, and if successful the candidates shall be issued with a CompEx Ex01R-Ex04R Refresher Certificate of Core Competency.

Pre-requisites

Candidate will have completed the 5 day CompEx course or 2 day CompEx Refresher course and held the certificate no longer than 5 years.

The course assessments are conducted both in the centre test bay facilities and also the classroom, as follows:

Ex01R & Ex03R Installations	Classroom pictorial online installation (one laptop per candidate)
Ex01R Glanding Exercise	Assessment Bay Facility
Ex02R & Ex04R Inspections	Assessment Bay Facility
Online Multichoice Theory	Classroom based (one laptop per candidate)

Course Duration

The course is 2 days in duration.

Start and Finish Times

Day 1: 9:00am – 5:00pm Course Syllabus

Day 2: 8:30am – 5:00pm Assessments

Refreshments and lunches are provided

Optimum Number

Maximum of 8 candidates per course.

Course Language

The course is delivered in English. Therefore candidates must have a good standard 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/Requirements

Pre-Reading Factsheets, PowerPoint Presentation, Sample Instructional Videos, Information Handouts, EEMUA Toolbox Guide, Review of Assessment Procedures.

Course Based On

Ex01R Preparation & Installation of EEx'd' 'e' 'n' and 'p' Systems

Ex02R Inspection & Maintenance of EEx'd' 'e' 'n' and 'p' Systems

Ex03R Preparation and Installation of EEx'i'a and 'i'b Systems

Ex04R Inspection & Maintenance of EEx'i'a and 'i'b Systems

Course Syllabus

- Area Classification
- Gas Groups
- Temperature Classification
- I P Ratings
- Impact Protection and Other Environmental Influences
- Ignition Sources
- Legislation
- Directives and Standards
- Earthing and Bonding
- Exi, Exd, Exs, Exe, Exp, Exm, Exn, Exo and Exq
- Wiring Systems and Glanding
- Installation
- Maintenance
- Inspection
- Testing
- Feedback and Review