

ROXBY



Training Solutions

CompEx

Hazardous Area Training

Ex01 to Ex04

Introduction

CompEx is the national training and assessment scheme for electro technical crafts personnel who work in potentially explosive atmospheres, such as on-and off-shore Oil & Gas Pharmaceuticals, Energy, Chemical industries etc...

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 is 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.

Course Content

Aim

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 they are 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 be competent electrical and or instrument craft personnel. You are required to bring with you Photo Identification and suitable evidence that you are fully qualified in electrical or instruments or both. This could be a letter from your employer or ideally a JIB card or certificate of your qualification.

Course Duration

The course is 5 days in duration.

Optimum Number

A maximum of 8 delegates per course.

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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, The EEMUA Publication 186 - A Practitioners Hand Book, and Publication 214 - The Toolbox Guide. This is followed with practical training and assessments.

Course Syllabus

Area classification

Gas groups

Temperature classification

I P Ratings

Selection of equipment

Ignition sources

Legislation

Directives and standards

Earthing and bonding

Ex'i', Ex'd', Ex'e', Ex'p', Ex'm', Ex'n', Ex'o' and Ex'q'

Wiring systems and glanding

Installation, maintenance, inspection and testing

Feedback and Review

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CompEx Course

Typical Timings of Course Programme:

Day One 9AM – 4.30PM

Introduction and Induction
Course Objectives and Structure
Area classification, Gas groups, T Class, IP and Impact Ratings.
BREAK
Markings, Identification, Certification and Standards
LUNCH
Protection methods in detail

Day Two 9AM – 4.30PM

Protection methods continued
BREAK
Continue
LUNCH
Practical work, permits, isolations, inspection, testing and maintenance. Types Ex 'd' Ex 'e' Ex 'n'.

Day Three 9AM – 4.30PM

Practical work, permits, isolations, installation and testing. Exia and Exib Intrinsically safe type apparatus.
BREAK
I/S Practical work, inspection, testing and maintenance.
LUNCH
I/S Practical work, course review.

Day Four 9AM – 5PM

Installation assessment test EX01 (9 – 12 & 12.30 – 1.15)
LUNCH
Inspection assessment test EX02 (1.30 – 3) & EX04 (3.15 – 4.45)

Day Five 9 – 2PM

Installation assessment test EX03 (9 – 12)
LUNCH
Multi-choice question paper exam (1- 1.30)
FINISH