

# ROXBY



Training Solutions

CompEx Ex12 Application

Design Engineers

## **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 in-depth competence based training and assessment in the application design and selection of electrical equipment with the requirements of IEC 60079-14. This will relate to the electrical installation design, selection and erection in areas of explosive atmospheres.

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**

Candidates for the course should be electrical or instrument engineers, including E&I Designers, Maintenance and Project Engineers etc.

You are required to bring with you Photo Identification and suitable evidence that you are fully qualified in the electrical or instrument fields, or both. This could be a letter from your employer or certification evidence of your engineering qualifications.

### **Course Duration**

The course is 5 days in duration.

### **Optimum Number**

A maximum of 10 candidates 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 training and multiple written assessments.

## **Course Syllabus**

Legislation

Standards and Certification Process EN / IEC Ex

ATEX 94/9/EC – Equipment & Equipment Marking

Overview on Area Classifications

Ingress Protection

Explosive Atmospheres

Equipment Protection Levels

Detailed Design and Installation Practices (Electrical & I.S. Concepts) in Accordance with IEC 60079-14

Documentation

Review of Selection of Electrical and I.S. Equipment and Systems

Feedback and Review