

**ROXBY**



Training Solutions

CompEx ExF Foundation  
Plus

## **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 Oil & Gas Pharmaceuticals, Energy, Chemical industries etc.

JTL, who are the national training agent for the electrical contracting industry, develop, operate and manage the training provision across the UK. They license and accredit a number of centres to deliver the training and assessments.

## **Aim**

The Foundation Plus course delivers the main CompEx introductory subjects such as ATEX, DSEAR and general hazardous area theory. The course aims to assist those who have not worked in or have limited experience of working in hazardous areas offering those who attend the opportunity to practice necessary skills and have them assessed.

## **Pre-requisites**

The course is an ideal introduction for people considering taking CompEx units Ex01-Ex04 (Gas & Vapour) and Ex05-Ex06 (Dust) at a later date or those who are not yet or recently qualified technicians.

## **Course Duration**

The course is 2 days in duration and can be delivered in centre at our Stockton / Stallingborough facilities, or alternatively delivered on customer premises – facilities permitting.

## **Maximum Number of Candidates**

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**

PowerPoint Presentation, Course Notes and Samples of Hazardous Area Equipment.

## **Assessment & Certification**

Assessments include an online multichoice theory exam and a 1 ½ hour practical installation assessment.

On successful completion of the assessments, an internationally recognised certificate in CompEx Foundation Plus will be issued.

## **Course Theory Syllabus**

- Directives and Regulations including ATEX & DSEAR
- International Schemes (NEC/IECEX)
- Hazardous Areas Overview
- Explosion Demonstrations
- Ignition Sources of Gas, Vapours and Dust
- Introduction to Area Classification
- Categories, EPL & Marking
- Equipment for use in Hazardous Areas
- Types of Protection, Electrical and Non-Electrical
- Repairs & Modifications
- Updates and Standards Changes

## **Course Practical Syllabus**

- Introduction to Glands and Connections
- Reading Loop Drawings
- Practical Examples of Gland Fitting
- Practice Gland Fitting
- Practice Crimping, Termination and Selection