

# IECEX COPC 001, 003, 004, 006, 007, 008 | IECEX Maintenance and Inspection

**IECEX 001,  
003, 004, 006,  
007 & 008**

This course covers installations, maintenance and evaluation of explosion-protected and associated equipment and wiring systems.

Based on various parts of the IEC 60079 series.

## Prerequisites:

- *Qualification in a technical subject or trade credentials*
- *3 years of Ex installation experience*



Upon completion of this course the student will demonstrate the following:

- Basic understanding of IEC60079-14 Understand the need for Competent Installers
- Demonstrate a basic understanding of Installation techniques
- Understand which activities are allowed and not allowed in these areas.



## Course Content

- Knowledge of explosion protection requirements
- Install explosion-protected equipment and wiring systems
- Maintain equipment in explosive atmospheres
- Test electrical installations in or associated with explosive atmospheres
- Perform visual and close inspection of electrical installations in or associated with explosive atmospheres
- Perform detailed inspection of electrical installations in or associated with explosive atmospheres

### Who is this for?

Basic level  
Basic electrical Ex knowledge

## Competence Assessment

Prior to assessment, candidates should understand:

- Hazardous area verification dossier and compliance
- Visual and close inspections
- Installation and maintenance of explosion-protected equipment and wiring systems
- Explosion protection aspects
- Inspection audit
- Inspection reporting

### Duration

5 Business Days



# Learning Technique

To deliver top-quality training, this course includes:

## Presentation

The core elements of skill will be presented and demonstrated in a classroom environment or via ELITE e-learning platform.

## Certification

Upon demonstrating the required competencies through assessment, candidates will be awarded IECEx competencies 001, 003, 004, 006, 007 and 008.