

CompEx ExF | CompEx Foundation IEC

**AS-CMP-100
FOUNDATION**

This course provides basic training with certification for personnel working on equipment for use in potentially explosive atmospheres.

The intention of the course is to support companies with a method to raise hazardous area awareness for their employees, and possibly to measure the suitability of a candidate to work towards competency assessment CompEx 01-04. For this reason, assessment of the knowledge delivered in the course is an essential part of the training.

Prerequisites: None

CompEx[®]
Approved Training Provider No.078



COURSE OBJECTIVES

Upon completion of the CompEx Foundation course the student will demonstrate the following

- Basic understanding of the directives
- Basic awareness of IEC 60079 series of standards
- Understanding of the need for additional protection in EX areas
- Understanding of EX signage and the meaning of area classifications
- Understanding of activities that are now allowed in EX areas and on EX equipment.

Course Content

- ATEX Directives and regulations
- DSEAR (ATEX 137)
- IEC 60079 series of standards
- Hazardous area classification
- Ignition sources of gas and dust
- Signage
- EPLs categories
- Equipment for use in hazardous areas
- Types of protection/ingress protection (IP rating)
- Markings
- Maintenance
- Repairs
- Modifications
- Inspection



Who is this for?

Entry level individuals (new to EX and hazardous area locations)

Duration

2 Business Days



Learning Technique

To deliver top-quality training, this course consists of the following instructional elements:

Instructor Lead Presentation

The core elements of skill will be presented and demonstrated in a classroom environment.

Final Exam

The Final exam is administered via an online service.

Certification

The attendee will receive an attendance certificate from ELITE. Upon successfully passing the CompEx exam, attendees will receive a CompEx Certificate of Competence valid for 5 years.