

COMPEX FOUNDATION IEC

Course overview

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.

✉ train@eutexinternational.com

📞 USA: +1 832.358.1177
SINGAPORE: +65 6251.8820

📍 USA | SINGAPORE | THAILAND
INDIA | UAE | CLIENT'S FACILITIES

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.

PREREQUISITES

- None

COURSE NUMBER
AS-CMP-100
FOUNDATION



THEORY CONTENTS

- 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



LEARNING TECHNIQUES

In order to provide the highest quality training experience, 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 EUTEX. Upon successfully passing the CompEx exam, attendees will receive a CompEx Certificate of Competence valid for 5 years.

All CompEx courses are based upon IEC Standards, primarily IEC 60079: Parts 10; 14 & 17 and provide certification suitable as a competency validation.



COURSE DETAILS



Target Audience

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



Location

All EUTEX's training centers or at the client's premises via mobile facilities (Subject to minimum candidates).



Duration

Two business day from 8:00 AM to 4:00 PM