

Course Number: AS-CMP-100+

CompEx® FOUNDATION PLUS

Course Overview

This new CompEx Unit provides basic training with certification for personnel who work on equipment for use in explosive atmospheres.

The intention of the training is to provide companies a method to raise Hazardous Area awareness for their employees, to measure the suitability of a candidate for certain tasks or to see if suitable for further competencies.

For this reason, assessment on the knowledge delivered in the course is an essential part of the training.

Contents

- ATEX Directives and Regulations
- DSEAR (ATEX 137)
- IEC 60079 Series of Standards
- Hazardous Areas
- Ignition Sources of Gas and Dust
- Area Classification
- Signage
- Categories of EPLs
- Equipment for use in Hazardous Areas
- Types of Protection/Ingress Protection (IP rating)
- Markings
- Maintenance
- Repairs/Modifications
- Inspection

Additional Plus section comprises of practical element;

- Cable Glanding & Termination

Course Objectives

Upon completion of the CompEx Foundation Plus course the student will be able to demonstrate the following:

- Basic understanding of the Directives.
- Basic awareness of IEC 60079 series of standards
- Understand the need for additional protections in Ex areas.
- Understand Ex signage and meaning of area classifications.
- Understand activities which are and are not allowed in Ex areas and on Ex equipment
- Demonstrate basic understanding of Cable Glanding & Termination

Learning Techniques:

In order to provide the highest quality training experience, this course will consist of the following instructional elements;

- **Instructor led presentation** – The core elements of skill will be presented and demonstrated in a classroom environment.
- **Cable Glanding & Termination exercise** - within simulated 'EX' environment
- **Final exam** – Administered via an online service.
- **Certification** – The candidate will receive an attendance certificate from ATEC and upon successfully passing the JTL exam, will receive a CompEx Foundation Plus Certificate that is valid for 5 years.

Course Details

Course number: AS-CMP-100+

Target audience: Entry Level (new to Ex and Hazardous Locations)

Location: ALL ATEC TRAINING CENTRES
(or clients premises subject to minimum numbers)

Duration: 2 Days, 8am to 4pm

Pre-requisites: None – although a reasonable standard of English is expected.

Certification issued: Upon successful completion CompEx Plus Certification issued by JT Limited. 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 for persons working in explosive atmospheres

The CompEx Scheme is certified by JT Limited – who are accredited via ISO/IEC 17024:2012 Conformity Assessment General Requirements for bodies operating certification of persons who work in explosive atmospheres

SHIVAM TRAINING CENTRE

O: +91 96193 65369 or 98338 84153
W: www.shivamtraining.com
E: enquiry@shivamtraining.com

Bldg. – 39, Shop no. 102, Indian Corporation,
Dapode Rd, Mankoli Naka Bhiwandi, Dist. Thane,
Maharashtra (421302) India.