

COMPEX FOUNDATION (ExF) eLearning

Course Code: CP 2007 (E)



TARGET AUDIENCE

The CompEx Foundation Course is aimed at providing electrical supervisors, project managers, senior management and non-practitioners with the knowledge and understanding of the basic requirements working in hazardous areas, including safe work practices and appropriate explosion-protected equipment for hazardous areas.

COURSE OBJECTIVES

The CompEx Foundation (ExF) course provides participants with the essential theoretical knowledge required to work safely in hazardous areas where explosive atmospheres may exist. It introduces the fundamentals of explosion protection, hazardous area classification, Ex equipment concepts, and relevant international standards, helping candidates understand the principles behind safe working practices in explosive atmospheres. It is designed as an entry-level qualification and a pathway towards higher-level CompEx certifications such as Ex01–Ex04.

COURSE CONTENT

- Basic Ex philosophy
- The fire triangle and explosion pentagon
- Ignition sources
- Area classification
- What do you need to know before entering a hazardous area?
- Marking on Ex equipment - how to read it?
- Types of protection - how is equipment made safe to use?
- Risk Assessment (RA), Method Statement (MS), Permit to Work (PTW)
- Inspection and maintenance

ASSESSMENTS

Online Exam

- Knowledge Test – 30 Multiple-choice Questions



IN PARTNERSHIP WITH



DELIVERY

100% eLearning via Trainor. Self-Pace Online.

CERTIFICATION

e-Certificate of Awareness issued by CCL UK.
(With validity of 5 years)

ENTRY REQUIREMENT

Candidates must have at least Basic Electrical Knowledge

COURSE DURATION / TIMING

5 Hours

VENUE

Online

SPECIAL REQUIREMENTS

Candidate will require to be equipped with a good internet connection (i.e. bandwidth 1.5Mbps up / 1.5 Mbps down) and speaker.

COURSE FEE

S\$1,000.00 per learner