

HAZARDOUS AREAS COMPEX FOUNDATION PLUS COURSE



Course Code: CP 2009

Course Duration (Days)	Training Hours	Practical Content (%)	Theoretical Content (%)
02	14	20	80

Target Audience

Designed specifically for Junior Technicians, Electrician, Mechanical Personnel and anyone involved in the installation of glands and termination. These also cater to candidates who require additional practical instruction in readiness for taking further CompEx units.

Course Objectives

This course incorporates a practical component on cable glanding and terminations. Candidate must demonstrate their ability to gland & terminate various cables in given scenarios. They will be assessed on the competency of cable selections, glanding, crimping and termination.

On completion of the course, the participants will be able to :

- Understand the legislation and directives on explosive atmospheres
- Understand the basic principles of area classification
- Understand the principles of the various types of explosion-protected equipment
- Identify and interpret equipment marking
- Apply safe work and isolation practices in hazardous areas and equipment
- Perform cable glanding and terminations

Course Content

Unit 1 : Introduction to CompEx

Unit 2 : General Principles & Hazardous Areas

Unit 3 : Standards, Certification & Marking

Unit 4 : Protection Types – Electrical & Non-Electrical

Unit 5 : Preparation & Installation of 'Ex' Cable gland

Unit 6 : Inspection, Maintenance & Repair of 'Ex' Equipment

Unit 7 : Other Safety Matters

Practical Assesment

- Glanding and Termination of SWA power cable
- Glanding and Termination of Braided IS cable

DELIVERY:

Teaching aids such as slides and videos, Ex equipment samples, practical demonstrations, questionnaires,

COURSE ASSESSMENT:

Theory Test – 30 Multiple-choice Questions
Practical Assessment – 1.5 hrs

ENTRY REQUIREMENT:

Basic Electrical Knowledge

CERTIFICATION :

On successful completion of this course, participants will be awarded an Internationally Recognised Certificate, CompEx – Certificate Foundation Plus (With a validity for 5 years)

Minimum Number Of Participants Required Per Event

8

Times Of Training

08:30 to 17:00 hrs

Venue

No 3, Buroh Street, Singapore 627566

Dates And Prices

Please check with course administrator