

HAZARDOUS AREAS

1-DAY COMP'EX' Foundation Module

Course Length (Days)	Taught Hours	Practical Content (%)	Theoretical Content (%)
1.0	8	0	100

TARGET AUDIENCE

The CompEx Foundation course has been designed specifically for non-technical personnel, such as supervisors, designers, project engineers, Health & Safety personnel, managers and anyone involved in Hazardous Area work that does not actually conduct installation or inspection of electrical equipment at petrochemical plants, distilleries, petro forecourt environments, mills and other dust generating environments.

COURSE OBJECTIVES

This is an underpinning knowledge unit which gives an overview of the requirements of achieving and maintaining safe installations in hazardous areas while enabling a greater appreciation of the hazards associated with working in explosive atmospheres and the promotion of safe working practices.

COURSE CONTENT

Hazardous Areas:

- Flammable
- Preventative Measures
- Ignition sources
- Characteristics of gases and vapours
- Characteristics of Dusts (IEC 60079-10-2)
- Area classification
- ATEX Categories
- IEC Equipment Protection Levels

Activities

- On-line 'multi-matrix' assessment

Equipment For Use in Hazardous Areas:

- Type of Protection
 - Non electrical(EN13463-1)
 - Electrical (IEC 60079-parts as applicable)
- Ingress Protection(IP rating)
- Equipment Labeling
- Inspections
- Maintenance work
- Repairs
- Modifications
- Control of Personal Equipment

DELIVERY

PowerPoint Presentation, CompEx Toolbox Guide, samples of hazardous area equipment

CERTIFICATION

Following successful completion of Unit Ex'F' Competence Validation Test a certificate of core foundation competence will be issued by JTL

Minimum/Maximum Number Per One Class

10 / 16

Times Of Training

09:00 to 18:00

Venue

#911 Gwanggyo Business Center 156 Gwanggyo-ro, Youngtong-gu, Suwon-si, Gyeonggi-do, South Korea

Dates And Prices

Please check with course administrator

Notice: **The Schedule may be modified by Client requirements and/or Trainer's discretion.**