



CompEx Ex01-Ex04 Gas & Vapours (electrical)

5 day course

The CompEx Ex01-Ex04 Gas and Vapours qualification has been developed for electrical and instrument technicians working in hazardous locations where gases or vapours can form explosive atmospheres.

COMPEX EX01-EX04 - GAS & VAPOURS

OVERVIEW

CompEx is the national training and assessment scheme for Electrotechnical personnel who work in potentially explosive atmospheres. Potentially explosive atmospheres occur in many industries such as petrochemical and refining plants. They may also be found in spraying plants, flour mills, woodworking machine plants and petrol forecourt environments.

Failure to ensure safe and efficient working practices in these circumstances could result in the ignition of explosive gases or dust clouds leading to injury or even fatalities.

The scheme is a national training initiative between the Engineering Equipment and Materials Users Association and JTL and is supported by the Health and Safety Executive. This course is the competency certification for working with gas and vapours in potentially explosive atmospheres.

Candidates who are successful in both the theory and practical assessments will receive a CompEx Certificate in Core Competence. candidates are required to take the CompEx Electrical Refresher course every five years in order to remain current.

COURSE CONTENT

1. EX01 Preparation and installation of Ex'd, Ex'e, Ex'n and Ex'p systems.
2. EX02 Inspection and maintenance of Ex'd, Ex'e, Ex'n and Ex'p systems.
3. EX03 Preparation and installation of Ex'i systems.
4. EX04 Inspection and maintenance of Ex'i systems.

WHO SHOULD ATTEND?

This qualification is suitable for practicing electrical or instrument operatives who are involved in installing, inspecting and maintaining certified Ex electrical equipment in locations where gases and vapours can potentially create a hazardous area.

ASSESSMENT

Assessment is undertaken using both practical assessments and an online examination that covers the four separate CompEx units.

- Online exam – Candidates must undertake a multiple-choice online examination that consists of 60 questions answered over 1.5 hours.
- Practical assessments – Candidates are required to undertake four practical assessments (one per unit):
 1. Ex01 – 3 hours 45 minutes
 2. Ex02 – 1 hour 30 minutes
 3. Ex03 – 3 hours
 4. Ex04 – 1 hour 15 minutes

DURATION 5 days