

**Course Overview:**

This course aims to train various personnel on the risk of operating in high-risk flammable and combustible environments. It will equip personnel with the skills to identify risks and implement suitable control measures to reduce the hazard to acceptable safe levels.

**Course Objective:**

- Gain a solid understanding of the safety of Ex equipment, current safety legislation and codes of practice.
- How to use all types of equipment, protection types and maintenance of equipment in hazardous areas.

**Course Outline:**

- Identifying standards, codes of practices and legislation relating to hazardous areas
- Defining and identifying different hazardous area zones
- Defining hazardous area zones, including signage and classification layout drawings
- Defining conditions and sources of ignition
- Identifying properties of flammable materials
- Identifying equipment that may produce arcs and sparks
- Explaining the requirements for equipment that may produce arcs and sparks
- Identifying requirements for maintenance and installation works in hazardous areas

**Who Should Attend:**

Suitable for 'end-users' and 'manufacturers' involved with potentially explosive atmospheres and Ex equipment at every level

**Training Language:**

Eng/Ar

**Training Methodology:**

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation