

ATEX INTRODUCTION

COURSE AIM

This course provides participants with an understanding of the dangers of working in hazardous areas, the methods by which explosions are prevented and the requirements of the ATEX and DSEAR Directives.

TARGET GROUP

Anyone involved in carrying out work in hazardous areas, or supervising others in carrying out such work will benefit from this course.

COURSE CONTENT

The course will include the following subject:

- Hazards, past incidents, dangers of dust, gas, vapour and mist in the air,
- Definitions, Properties of Flammable Materials,
- Hazardous Area Classification, Type of hazard, ignition temperature, likelihood of the hazard, Gas zones 0, 1, 2 and Dust zones 20, 21, 22.
- Apparatus Grouping & Temperature Classification
- Selection of Electrical Equipment for use in Hazardous Areas,
- Marking of equipment.

COMPETENCY

Delegates will be required to pass a theoretical assessment of skills, a written or verbal examination of theory.

PRE REQUISITE

No prior knowledge of explosion protection is required

METHOD OF TRAINING

This course includes theoretical and demonstration components and will include the visual teaching aids, writing materials and provision of catering.

COURSE DURATION

Half (1/2) day.

RATIO OF THE TRAINING

100% Theory

VALIDITY OF CERTIFICATE

2 years

