

ROXBY

Training Solutions

Area Classification Gas / Vapour & Dust

Course Content

Aim

To deliver in depth awareness training relating to area classification of a hazardous area.

Pre-requisites

Delegates for the course should have a good understanding of working in hazardous areas.

Course Duration

The course is two days in duration.

Optimum Number

A maximum of 10 delegates per course.

Course Language

The course is delivered in English. Therefore candidates must have a good standard of both written and verbal English.

Courses can be delivered in other languages however, this would need to be discussed prior to acceptance on the course. It is the responsibility of the person making the booking to make Roxby aware of this requirement.

Training Aids

Use will be made of lecture notes, PowerPoint presentation, supporting publications and discussions.

Assessment

A number of Area Classification exercises.

Certification

Upon successfully completing, delegates are awarded with A Roxby Training Limited Certificate.

Course Outline

Day 1

- ATEX Law Related to Area Classification
- Area Classification – Gases & Concept of Zones 0,1,2
- Extent of a Zone
- Release Rate & Release Velocity
- Concentration
- Volatility
- Temperature
- Lower Explosive Limit (LEL)
- Ventilation & Density
- Climatic Conditions
- Topography
- Documentation
- Drawings & Data Sheets

Day 2

- Area Classification- DUST
- Concept of Zones 20,21,22.
- Dust Containment
- Grades of Release & Sources of Release
- Dust layer Hazard
- Documentation
- Drawings & data Sheets
- Area Classification Exercises