



AREA CLASSIFICATION GAS/VAPOUR & DUST

Page 1 of 4

Roxby Training Solutions Ltd, Unit 4 John Clarke Centre, Dockside Road,
Middlesbrough TS6 6UZ
Telephone: 01642 438700
Fax: 01642 466879
j.dean@roxby.com or r.mellor@roxby.com

COURSE CONTENT

Aim

To deliver in depth training of knowledge required to carry out, as part of a team, 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

Maximum of 6 delegates per course.

Training Aids

Training and assessment and the use of course hand outs. Power Point presentation

Assessment

A number of Area Classification exercises.

Certification

Roxby will issue an attendance certificate

Page 2 of 4

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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
- Area Classification Exercises

Day 2

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

Page 3 of 4

- Drawings & data Sheets
- Area Classification Exercises

Dates available on request

Page 4 of 4

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