

1.16 Classification of Explosive Hazardous Areas

1	Duration	Minimum of 2 days (16 hours)
2	Aim	To provide participants with knowledge of how to establish a classification plan according to international standards and regulations.
3	Target Public	Individuals who will establish and review classification plans For example risk engineers at process plants or consultants working with risk identification. Consultants in the ATEX work area, Contractors dealing with occasional work in hazardous areas
4	Prerequisites	Basic knowledge of the characteristics of flammable dust, liquids and gases. Knowledge in the physics of fire and explosions. Basic knowledge in the ignition process.
5	Objectives	To give the student tools and knowledge enough to work with classification of hazardous areas.
6	Programme	<ul style="list-style-type: none"> • Legislative background • Standards • Safety principles • Area classification objectives • Area classification procedure • Sources • Zones • Extent of zone • Types of ventilation • Degree of ventilation • Availability of ventilation • Drawings • Data sheets and tables • Practical examples
7	Related CFPA-E Guidelines	
8	Examination	Written examination
9	Certificate - Diploma - Attest	Certificate Optional subtitle «Classification of Explosive Hazardous Areas Officer CFPA-E»
10	Countries Running the Course	<ul style="list-style-type: none"> • Italy (isfop@networkaias.it, www.isfop.it) • Sweden (utbildning@svbf.se, www.brandskyddsforeningen.se) • Switzerland (risktraining@swissi.ch, www.swissi.ch)