

## 1.15 Explosion [Prevention and Protection] in Places where explosive atmospheres may occur

Level	2
Duration	Minimum 12 Hours
Credits / Points	12
Aim	To provide learners with basic knowledge of prevention and protection measures that are required by EC directives 1999/92/EG (ATEX 137)
Target Public	Suitable for all those engaged in the design stages of construction work or in the supervision of fire safety where this risk might occur
Prerequisites	Basic knowledge of the characteristics of flammable liquids, gases and dust
Progression	Courses from the CFPA Qualifications Framework to broaden knowledge
Learning Outcomes	<p>Upon successful completion of the course learners will be able to:</p> <p>Demonstrate knowledge of the requirements of dangerous substances and explosive atmosphere regulations</p> <p>Safely use flammable or explosive substances</p> <p>Classify their properties</p> <p>Execute practices which prevent or mitigate any fire or explosion caused by properties of flammable or explosive substances</p> <p>Understand the effects of different explosions and how they might be prevented</p> <p>Identify, assess and implement actions to reduce explosion risks</p> <p>Use effective methods to choose equipment, protection and control systems</p> <p>Carry out correct maintenance</p> <p>Understand and fill in an explosion protection template</p>
Related Guidelines	1 F
Assessment	A practical and/or written assessment in the area that is designed for one hour in duration
Qualifications	<p>Certificate</p> <p>Optional subtitle «Explosion Protection Officer CFPA-E»</p>