

Explosive Atmospheres (ATEX)

Who is it for?

Anyone who has the responsibility for the safety of plant and equipment where explosive atmospheres may occur. This may include: HSE managers, officers, product and process engineers, maintenance personnel, project managers, fuel depot managers and personnel, fuel service station managers and personnel.

What are the Course Requirements?

There are no formal entry requirements to enroll on this course. However, the course is delivered and assessed in English, therefore it is recommended that learners have adequate understanding of the English language.

Why is it important?

ATEX training holds immense significance in industries such as oil and gas, chemical, pharmaceutical and mining, where flammable substances are part of daily operations. Lack of appropriate knowledge and using the wrong equipment in these environments could result in catastrophic accidents.

Course Duration

The course is designed to last at least one (01) day, including the assessment, if learning is continuous.

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Course Outline

- What is ATEX?
- The EU ATEX Directives
- Requirements of DSEAR
- Assessing the risk
- Classifying hazardous (ATEX) areas into zones
 - Flammable vapours
 - Combustible dusts
- Equipment in ATEX areas
 - Groups of electrical equipment
 - Categories of electrical equipment
 - Equipment marking
- Other factors of hazardous substances in ATEX areas
 - Flash point and Auto Ignition Point
 - LEL and UEL
- Other preventive measures for flammability and explosivity risks

Mode of Learning


- 100% online
- No live presence
- Download the HIOSH app or log onto the HIOSH website to study the course

HIOSH
HARDMAN INSTITUTE OF OCCUPATIONAL
SAFETY & HEALTH

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