

ATEX & DSEAR Training Course



Introduction

Industrial sites that handle flammable gases, vapours, or combustible dusts face the very real risk of fire and explosion. To manage these hazards effectively, organisations must comply with the ATEX Directives and the UK DSEAR (Dangerous Substances and Explosive Atmospheres Regulations). DEKRA's comprehensive training ensures your teams have the knowledge and confidence to meet those legal and technical requirements.

The **four-day IFE-recognised course – Practical Aspects of ATEX / DSEAR Compliance Success** – provides a deep dive into the practical, legal and technical aspects of explosion risk management. Whether you're conducting a process safety review, preparing for audits, or implementing controls in hazardous areas, this training equips you with up-to-date guidance, real-world tools, and expert instruction.

Who is the Course for?

Whether you're new to explosion risk management or looking to deepen your expertise, the ATEX & DSEAR training course offers an engaging learning experience. This course is ideal for:

- ▶ Health & Safety Managers
- ▶ Process Safety Engineers
- ▶ Maintenance Engineers
- ▶ Design Engineers
- ▶ Site Managers

Anyone, across any sector, responsible for hazardous area classification, equipment specification, or safety compliance in potentially explosive environments.

Course Key Facts

Duration: 4 days.

Delivery: Virtual Classroom or On-site Training.

Assessment: Knowledge checks.

Certificate: DEKRA Certificate of Completion.

Key Learning Areas Include:

- ▶ Overview of UK DSEAR Regulations.
- ▶ Overview of ATEX Directives.
- ▶ Legal framework and responsibilities.
- ▶ Understanding explosive sources.
- ▶ Hazardous area classification.
- ▶ Equipment selection and installation standards.
- ▶ Risk assessment principles.
- ▶ Control and mitigation measures.
- ▶ Practical examples and case studies.



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Benefits for Employers

- ▶ **Regulatory Compliance:** Ensure your organisation meets its legal duties under the Dangerous Substances and Explosive Atmospheres Regulations (DSEAR) and the EU ATEX Directives. This reduces the risk of non-compliance penalties, enforcement notices, or prosecution.
- ▶ **Improved Risk Management:** By training your staff to recognise, assess, and manage explosion risks, you reduce the likelihood of major incidents. This protects your workforce, assets, and reputation.
- ▶ **Enhanced Safety Culture:** Well-trained employees are more engaged in health and safety

practices. This training helps build a positive safety culture where employees understand the importance of managing explosive atmospheres.

- ▶ **Reduced Operational Disruption:** Preventing incidents caused by flammable substances and ignition sources minimises unplanned shutdowns, equipment damage, and costly delays in production.
- ▶ **Better Equipment Selection and Hazardous Area Management:** Trained teams make more informed decisions when specifying equipment for explosive environments, reducing the risk of incompatible or non-compliant installations.

Benefits for the Learner

- ▶ **Clear Understanding of Legal Responsibilities:** Learn exactly what is required under ATEX and DSEAR regulations and how it applies to your role, helping you carry out your duties competently and with confidence.
- ▶ **Practical Hazard Identification and Risk Assessment Skills:** Gain the ability to recognise potential sources of ignition, assess the presence of flammable substances, and carry out meaningful risk assessments.
- ▶ **Ability to Classify Hazardous Areas:** Understand how to classify zones based on the presence of gases or dusts and how these classifications influence equipment choice and control measures.
- ▶ **Improved Technical Knowledge:** Build a solid foundation in the technical principles behind explosion protection, including ignition prevention, equipment categories, and area zoning.