

DANGEROUS SUBSTANCES & EXPLOSIVE ATMOSPHERES REGULATIONS (DSEAR)



Introduction

DSEAR stands for the Dangerous Substances and Explosive Atmospheres Regulations 2002. Dangerous substances can put peoples' safety at risk from fire, explosion and corrosion of metal. This module introduces the key requirements of DSEAR, how to identify the risks and how stay safe in the workplace.

Course Overview

At the end of the course, trainees will be able to:

- Recognise what constitutes a dangerous substance and an explosive atmosphere.
- Identify your own and your employer's duties and responsibilities under DSEAR.
- Recognise the risks associated with dangerous substances and explosive atmospheres.
- Identify ways of reducing the risks.
- Take appropriate action to maintain safety.
- Put adequate plans in place to deal with accidents, incidents and emergencies.

Course chapters

1. Course Introduction

Introducing the topic, emphasising the potential dangers of working with Dangerous Substances and Explosive Atmospheres through case studies of past incidents.

2. An Introduction to DSEAR

This section introduces the DSEAR regulations, lists examples of dangerous substances and explosive atmospheres, and lists the key duties placed on employers and employees.

3. Identifying and Assessing the Risks

This section of the course provides guidance for recognising risks associated with various substances, the importance of being aware of ignition sources. And the key factors of anticipating the effect and harm.

4. Eliminating or Controlling the Risks

In this final section you'll cover implementing control measures to substitute or eliminate hazards, the different hazardous area classifications zones and also examples of emergency arrangements.

Who will it benefit?

This course is designed for anyone who needs to learn more about the Dangerous Substances and Explosive Atmospheres Regulations (DSEAR) 2002.

