

COURSE CONTENT OVERVIEW

# Working in Confined Spaces



Entry and work in confined spaces poses many hazards to workers and anyone in the vicinity, including fires, explosions, drowning and asphyxiation caused by a lack of oxygen, gases, fumes, vapours, or free-flowing materials. This Working in Confined Spaces training course has been designed to provide you with a knowledge of the risks involved with confined space entry and working. You will gain an understanding of safe working practices, giving you the confidence to carry out your job safely.

The course covers all aspects of working in confined spaces, including information on the relevant legislation, carrying out a risk assessment, and an awareness of the importance of having effective and appropriate control measures and emergency procedures in place.

### **Module One: Introduction to Safe Planning and Working in Confined Spaces**

This module explains what is meant by a confined space. It also introduces the 'six specified risks' as defined by the Confined Spaces Regulations 1997 and its approved code of practice.

- What is a confined space?
- Examples of confined spaces
- The 'specified risks' in confined spaces
- Further hazards

### **Module Two: Legal Requirements for Working in Confined Spaces**

This module details the key duties placed on the various groups of people planning, entering or working in confined spaces.

- Legislation regulating work in confined spaces
- The Health and Safety at Work (HSW), etc. Act 1974
- The Management of Health and Safety at Work Regulations (MHSWR) 1999
- The Confined Spaces Regulations 1997
- Training and suitability
- Permit-to-work systems
- Where don't the Confined Spaces Regulations apply?
- Further risks in confined spaces
- Employee responsibilities

### **Module Three: Risk Assessment**

The module examines the legal duties placed on dutyholders for risk assessments as detailed by the MHSWR 1999, the Confined Spaces Regulations 1997 and its Approved Code of Practice (ACoP).

- What is a risk assessment?
- Key definitions
- Carrying out a risk assessment for confined spaces
- Step 1 - Identify the hazards
- Step 2 - Decide who might be harmed and how
- Step 3 - Evaluate the risks
- Step 4 - Record and implement the findings
- Step 5 - Review and update

### **Module Four: Control Measures: Part One**

This module examines the detailed requirements for the control measures used to prevent the risks associated with working in confined spaces.

- The hierarchy of control
- Avoiding entry to confined spaces
- Safe systems of work
- Safe place of work
- Safe work equipment
- Safe substances for use at work
- Safe management, supervision and monitoring
- Training for confined space working
- Communication
- Testing and monitoring of the atmosphere
- Isolation from materials

### **Module Five: Control Measures: Part Two**

In this module, we will continue to explain the control measures required for working in confined spaces.

- Cleaning and removal of residues
- Confined space ventilation - general and local
- Electrical equipment and static electricity
- Selection of mechanical equipment
- Portable gas cylinders, pipes and hoses
- Personal protective equipment
- Fire prevention
- Permit-to-work systems

### **Module Six: Emergency Arrangements**

This module explains the key elements of emergency arrangements for confined spaces in detail, including what emergency arrangements for confined space working should include.

- The importance of emergency arrangements
- When are emergency arrangements needed?
- Raising the alarm and rescue
- Rescue and resuscitation equipment
- Safeguarding of rescuers
- Fire safety
- Control of plant
- First aid arrangements
- Public emergency services
- Information, instruction and training

## Aims of the training

By the end of the training, you will have an understanding of:

- What confined spaces are and when confined spaces can be created by work activities.
- The main hazards and risks resulting from working in confined spaces.
- The legal responsibilities of employers and others in control of work in confined spaces, as well as a knowledge of the duties placed on other individuals.
- How to carry out a risk assessment for work undertaken in a confined space.
- How to implement, supervise and monitor control measures to control the risks associated with work in confined spaces.
- The necessary emergency procedures for working in confined spaces.