

WORKING IN MEDIUM RISK CONFINED SPACES



ACCREDITATION

Upon successful achievement trainees will be issued with a Smart Awards certificate valid for 3 years.

TYPE, LEVEL AND GRADING

Accredited training and assessment
Level 2
Pass

DURATION AND RATIO

1-day experience/refreshers. Trainer 1.10

PRE-REQUISITE

This qualification is available to anyone over the age of 16 who is capable of reaching the required standard. There are no barriers that restrict access or progression thereby promoting equal opportunity. It is expected however that learners will have a level of literacy adequate to cope with the assessment.

ENTRY REQUIREMENTS

There are no formal entry requirements and Smart Awards will not restrict access on the grounds of prior academic attainment, age, employment, geographic location or any other grounds. There are no barriers that restrict access or progression thereby promoting equal have a level of literacy adequate to cope with the examination.

SECTOR SUBJECT AREA (SSA)

5.2 Building and Construction

AGE RANGE

16yrs plus

SAFE PRACTICE

It is the responsibility of the centre in consultation with the assessor to ensure that risk assessments have been carried out. During this training you must take account of the relevant worksite operational requirements, procedures and safe working practices.

INTRODUCTION

This course aims to give learners knowledge, understanding and basic skills in working effectively in confined spaces. It introduces learners to the hazards and risks involved with working in confined spaces and to comply with health and safety legislation. The target audience is aimed at those working in the construction or utilities industries.

Performance Objectives

- Accurately identify the need for medium risk confined space working methods
- Ensure preparations for medium risk confined space work are in accordance with instructions, relevant codes of practice and organizational procedures
- Assess the risks of working in the medium risk confined space accurately and select the appropriate working methods
- Select and use the appropriate equipment, check that it is functioning correctly, calibrated, and that it is suitably maintained for medium risk confined space work
- Carry out the correct pre-entry checks and procedures
- Place warning signs and barriers in appropriate locations
- Carry out all work in accordance with environmental and relevant health and safety legislation, risk assessment requirements and company policies
- Communicate effectively with others throughout your work
- Monitor the safety of working conditions continuously in accordance with organisational procedures and codes of practice
- Where appropriate, initiate safety and emergency procedures promptly and effectively in accordance with organisational requirements and codes of practice
- Keep accurate and up-to-date records as required by relevant legislation and the organisation

Learning Outcomes

- Understand the relevant legislation, guidance and organisation requirements for working safely in confined spaces
- Know how to work safely in medium risk confined spaces
- Know how to deal with emergencies
- Understand relevant industry standards for working in medium risk confined spaces
- Understand the communication skills needed for efficient working
- Be able to work safely in medium risk confined spaces

Structure

Learners must achieve one mandatory unit to pass.

Purpose

Prepare for further learning or training and/or develop knowledge and/or skills in a subject area.

EXPECTATIONS AT LEVEL 2

Summary

Achievement at level 2 reflects ability to select and use relevant knowledge, ideas, skills and procedures to complete well-defined tasks and address straightforward problems. It includes taking responsibility for completing tasks and procedures and exercising autonomy and judgement subject to overall direction or guidance.

Knowledge and Understanding

- Use understanding of facts, procedures and ideas to complete well-defined tasks and address straightforward problems
- Interpret relevant information and ideas
- Be aware of the types of information that are relevant to the area of study or work
- Demonstrate and/or work with knowledge and understanding of basic processes, materials and terminology

Application and Action

- Complete well-defined, generally routine tasks and address straightforward problems
- Select and use relevant skills and procedures
- Select appropriate tools and materials and use safely and effectively (for example without waste)
- Adjust tools where necessary following safe practices
- Plan and organise both familiar and new tasks
- Identify, gather and use relevant information to inform actions
- Identify how effective actions have been

Autonomy and Accountability

- Take responsibility for completing tasks and procedures
- Exercise autonomy and judgement subject to overall direction or guidance
- Show an awareness of others' roles, responsibilities and requirements in carrying out work

ASSESSMENT

Practical Assessment

Theory/Multiple choice questions.

Assessment Criteria

Performance criteria – you must be able to;

- Prepare and check all equipment is in good order and electrical equipment is fully charged before entering the work site
- Obtain authorization for entry and relevant health and safety information from designated personnel
- Carry out a real-time risk assessment before starting work
- Put in place and confirm isolation of any connecting services
- Set up and put monitoring equipment in place
- Set up, test, and confirm communications systems are working before moving away from the entry point
- Confirm all team members know and understand their roles
- Check all team members are in place before entry begins
- Check atmospheric conditions are safe
- Set up and check access equipment is safe
- Resolve any problems of work or team members with the designated personnel
- Use special hoists and safety lines as set down in procedures
- Enter and exit the space in line with procedures for working in a medium risk confined space
- Adhere to all procedures regarding the carrying and use of escape breathing apparatus
- Confirm the suitability of the escape breathing apparatus for the job
- Examine the breathing apparatus prior to starting work and replace if it is defective
- Resolve any problems with the escape breathing apparatus and report non-conformities
- Don the escape breathing apparatus to escape in an emergency
- Carry after use checks on the apparatus after a safe exit and confirm it conforms to specification before storing it in the designated storage ready for the next job
- Check all equipment and tools are suitable for the job before using them
- Check all personal protective equipment (PPE) is suitable before using it
- Resolve any problems with equipment and tools before and during their use
- Use the specified method to introduce equipment and tools into the confined space
- Recover and remove equipment and tools when work is finished
- Follow manufacturers and employers' instructions for after-use checks and storage

During this training you must take account of the relevant worksite operational requirements, procedures and safe working practices and be aware of risks for: Weather conditions; structural risks; safety and emergency procedures; changes in water levels; changes in atmosphere; incapacity of team members; water borne pollutants.

Site Requirements:

Safe suitable training environment, with safe access to a confined space and egress
Access to toilets and washing facilities
Sufficient seating, table

Equipment:

- gas testing equipment
- protective clothing
- breathing apparatus
- winch
- harness
- lights

Assessment Criteria

Knowledge and understanding - You need to know and understand:

- An appreciation of the main principles of health and safety and environmental legislation and regulations
- Working knowledge of approved codes of practice and guidance for working safely in confined spaces
- Definition of confined spaces and their nature and characteristics
- Definitions of hazardous situations and different types and categories of hazards
- Awareness of how emergency situations can arise in a confined space
- Manufacturers' instructions relating to the use of equipment and tools
- Manufacturers' instructions relating to the use of escape breathing apparatus
- Working as a member of a team
- Roles and responsibilities
- Injuries to personnel and the general public
- Dealing with irregularities and abnormal situations
- Types and categories of emergency situation
- Classification schemes and how to identify the confined space classification
- Hazards, substances, and situations associated with medium risk confined spaces
- Entry procedures for medium risk confined spaces
- Carrying out real-time assessment of risks and hazards
- Using work authorizations and permits
- Procedures and methods of working suitable to local conditions
- Minimizing the risks and hazards for the work to be carried out
- Using ventilation systems
- Reducing risk and injury