

Common Core

Unit - CC02 - Work in Medium Risk Confined Spaces

This training specification has been developed from the water process and utilities engineering technician standard. The specification details the **minimum** training specification, as agreed by industry employers, to deliver the skills and knowledge required to work in medium risk confined spaces in the utilities sector.

The specification details the critical requirement of the activity to carry out the work outlined and does not preclude employers from adding to the skills and knowledge detailed by the specification in their own training programmes.

All work must be carried out to approved procedures and practices and in accordance with statutory health, safety and environmental requirements.

What does this specification look like?

Learners need to be able to:

- MRCS1 Check tools and equipment for use when entering medium risk confined spaces are in good working order and appropriate for the job
- MRCS2 Enter and exit medium risk confined spaces safely, checking and storing tools and equipment safely after use
- MRCS3 Understand the legislation, codes of practice and safe working methods when working in medium risk confined spaces and the hazards and controls required to ensure safe working

What do I need to take this module?

There are no specific module pre-requisites necessary for candidates before taking this module.

Performance Criteria

To achieve this unit, you will need to be able to:

General Requirements

- P1. Identify the work area by interpreting system plans and using available information
- P2. Select and wear the PPE required to carry out the activity
- P3. Carry out a site specific risk assessment of the work area, identifying the hazards and implementing the control measures required
- P4. Maintain accurate and up to date records
- P5. Report information and data to the designated person

Task Specific – Work in Medium Risk Confined Spaces

- P6. Prepare and check all required equipment is available and in good working order and suitable for the job
- P7. Obtain all required documentation for working in medium risk confined spaces, including:
 - a) Authorisation for entry
 - b) Health and safety information
- P8. Put in place and confirm isolation of any connecting services
- P9. Set up, test and confirm the following equipment is working:
 - a) Monitoring equipment
 - b) Communications systems
 - c) Breathing apparatus
- P10. Enter and exit confined space safely in line with company procedures, checking the following:
 - a) Atmospheric conditions are safe to enter
 - b) Access equipment is safe to use
 - c) Safely use breathing apparatus in line with manufacturers' and employer's instructions
- P11. Recover, remove and carry out after use checks on equipment and apparatus in line with manufacturers' and employer's instructions, confirm they conform to required specification before storing safely
- P12. Follow all company procedures to work safely, including the following:
 - a) Communication methods
 - b) Controlling access of people and vehicles around the entry point
 - c) Resolving any problems associated with the work
 - d) Safe working procedures and equipment use
 - e) Regular monitoring of atmospheric conditions within the confined space
 - f) Carrying out dynamic risks assessments whilst working in the confined space

Knowledge and Understanding

To achieve this unit, you will need to know and understand:

General Requirements

- K1. The principles of Health, Safety and Environmental legislation when working in medium risk confined spaces
- K2. The organisation's safety rules, policies and procedures when working in medium risk confined spaces
- K3. The hazards associated with working in medium risk confined spaces and the correct way to respond to them
- K4. How to select, inspect and use PPE when working in medium risk confined spaces
- K5. How to carry out a site specific risk assessment and identify workplace hazards
- K6. How to respond in the event of an emergency situation in the medium risk confined space
- K7. How to leave the work area in a safe and secure condition
- K8. The company recording and reporting process

Task Specific – Work in Medium Risk Confined Spaces

- K9. The definition of a confined space, their nature and characteristics
- K10. How emergency situations can arise in a confined space
- K11. Classification schemes and how to identify the confined space classification
- K12. Entry and exit procedures for medium risk confined spaces
- K13. How to carry out dynamic risk assessments
- K14. How to use work authorisations and permits
- K15. How to determine procedures and methods of working suitable to local conditions and local site procedures
- K16. The purpose and use of ventilation systems
- K17. How to monitor conditions and work activity
- K18. Communication methods suitable for use in medium risk confined spaces
- K19. The instructions and procedures for the equipment and tools being used
- K20. How to prepare and check tools and equipment are fit for the job and how to use them safely

How will it be assessed?

To achieve this unit, you will need to be able to provide evidence of the performance criteria and the knowledge and understanding requirements listed above.

Assessment types:

1. External assessment – an external accrediting body will assess against a national minimum standard
2. Internal assessment process – a company led on-going assessment against requirements
3. End-point assessment - see assessment plan for further details here (will be EU Skills defined)

What type of evidence will be expected?

To achieve this unit, you will need to be able to provide evidence of the performance criteria and the knowledge and understanding requirements listed above.

Evidence types:

1. Ongoing local assessments
 - a) Assessment plan, review, feedback, standard assessment sheets
2. Knowledge based learning
 - a) Classroom, exams, assignments, Q&A sessions, e-learning modules
3. Evidence portfolios
 - a) Learning logs, photos, observation sheets

Assessment types and process

