ENERGY & ENVIRONMENT AWARDS

Skills for a greener world

Qualification Specification

EEA Level 2 Award in Working in Medium Risk Confined Spaces
610/6040/9

EEA Level 2 Award in Working in High Risk Confined Spaces
610/6043/4

EEA Level 2 Award in Working in Control Entry and Arrangements for Confined Spaces
610/6041/0

EEA Level 2 Award in Entrant and Entry Controller for Confined Spaces (Medium Risk)
610/6040/9

EEA Level 2 Award in Entrant and Entry Controller for Confined Spaces (High Risk)
610/6039/2

EEA Level 3 Award in Managing the Confined Spaces Site
610/6004/5

July 2025 v2.0

Contents

Updates to this Specification

Since the first publication of this Qualification Specification, the following updates have been made.

V1.1	Pages 5 and 10	Additional statement re GLH and the design of the qualification to enable transfer of units across qualifications.
V1.2	Cover page	Amendment to qualification title; *EUIAS Level 2 Award in Control Entry and Arrangements for Confined Spaces*
V2.0	Change EUIAS to Energy & Environment Awards	All pages

1 Qualification Overview

At a Glance Qualification Summary

Qualification Titles / Min. Guided Learning Hours (GLH) and Total Qualification Time (TQT) / Credit Value	Level 2 Award in Working in Medium Risk Confined Spaces **15GLH 15TQT 2 Credits** Level 2 Award in Working in High Risk Confined Spaces **20GLH 20TQT 2 Credits** Level 2 Award in Control Entry and Arrangements for Confined Spaces **20GLH 20TQT 2 Credits** Level 2 Award in Entrant and Entry Controller for Confined Spaces (Medium Risk) **35GLH 35TQT 4 Credits** Level 2 Award in Entrant and Entry Controller for Confined Spaces (High Risk) **40GLH 40TQT 4 Credits** Level 3 Award in Managing the Confined Spaces Site **15GLH 15TQT 2 Credits** **Important note re GLH and TQT: The design of the Energy & Environment Awards qualifications and the component units are designed to enable the transferability of units across qualifications within the Confined Spaces suite. Once a learner has achieved a component unit in one of the qualifications they are exempt from completing that unit again, within a second qualification, during the 3 year lifespan of the qualification. Similarly, there are some assessment criteria which are duplicated across units within the same qualification. Learners are not required to duplicate learning and it is therefore expected that Energy & Environment Awards approved Centres will tailor their training programmes to ensure assessment criteria are only covered once in the delivery of the qualification. This will naturally reduce the number of GLH and TQT for the qualification.*
RQF Level	2 and 3
Entry requirements	Learners must be 16 years of age or above.
Assessment requirements	These qualifications are assessed by:- • Externally set and marked multiple choice question papers

	• Externally set, internally marked, externally quality assured observation • Externally set and marked short-answer knowledge test (Level 3 Award in Managing the Confined Spaces Site only)
Progression opportunities	The design of these qualifications enables learners to transfer units across the Level 2 qualifications, allowing learners to "top up" their existing units to achieve further qualifications within the suite without duplicating learning. Learners are also able to progress from the Level 2 qualifications to the ***Level 3 Award in Managing the Confined Spaces Site***.
Regulatory Body / Status	These qualifications are regulated by Ofqual, the independent qualifications regulator for England.
Nation	These qualifications are for delivery in England.
Qualification validity period	All qualifications are valid for 3 years.

Energy & Environment Awards

Energy & Environment Awards is an Ofqual recognised Awarding Organisation, offering qualifications, including End-point Assessments within the energy and utilities footprint.

Introduction

Energy & Environment Awards has secured recognition from Ofqual, the independent qualifications regulator for England, to offer the:-

- Level 2 Award in Working in Medium Risk Confined Spaces
- Level 2 Award in Working in High Risk Confined Spaces
- Level 2 Award in Control Entry and Arrangements for Confined Spaces
- Level 2 Award in Entrant and Entry Controller for Confined Spaces (Medium Risk)
- Level 2 Award in Entrant and Entry Controller for Confined Spaces (High Risk)
- Level 3 Award in Managing the Confined Spaces Site

These qualifications, and the component units, have been developed by Energy & Environment Awards through consultation with technical experts, key external stakeholders, including industry representatives and training providers. Individual units have been developed based on the National Occupational Standards; EUSCS02, EUSCS03, EUSCS04, EUSCS05, EUSCS02, EUSCS05 and EUSCS06, which were developed by Energy and Utility Skills and were approved in March 2020. Energy & Environment Awards remains committed to reviewing and updating the content of the units based on any review undertaken on the underpinning NOS.

In line with the requirements of the NOS, a confined space is defined as any place, including any chamber, tank, vat, silo, pit, trench, pipe, sewer, flue, well or other similar space in which, by virtue of its enclosed nature, there arises a reasonably foreseeable specified risk. These specified risks could lead to serious injury or death through fire, explosion, gas, fumes, vapour, lack of oxygen, rising levels of liquid, asphyxiation or entrapment by free flowing solids.

These qualifications are suitable for delivery in any sector and are therefore generic in nature and do not make reference to specific settings. However, through developing the units in line with the above cited Energy & Utility Skills NOS, Energy & Environment Awards is confident that the requirements of the ***Water UK Occasional Guidance Note: The Classification & Management of Confined Space Entries (2019)***, specifically in reference to section 11, the design and development of Confined Spaces qualifications have been met for the specific qualifications which Energy & Environment Awards offers.

This Qualification Specification provides guidance for approved Centres on how to consistently apply the assessment and associated quality assurance requirements, along with unit content and relevant additional information to support the delivery of these qualifications.

Aims and Objectives of the Qualifications

EEA Level 2 Award in Working in Medium Risk Confined Spaces

EEA Level 2 Award in Working in High Risk Confined Spaces

These qualifications are aimed at individuals who enter and work in confined spaces; either with a Medium Risk or High Risk classification. The qualifications provide the knowledge and skills required to enable the individual to prepare for, work safely in and exit confined spaces. Learners will develop knowledge and skills in assessing, monitoring and reviewing the risks associated with working in confined spaces, adhering to a Safe System of Work and Permit to Enter including how to deal with emergency situations.

EEA Level 2 Award in Control Entry and Arrangements for Confined Spaces

This qualification is aimed at individuals who are undertaking the role of Top Person or Entry Controller for confined spaces, but who do not enter the confined space. Learners will develop underpinning knowledge and skills in overseeing the safe entry to, and exit from, a confined space as well as monitoring the team and environment, whilst recognising the importance of maintaining communication with team members. Learners will also develop knowledge and skills in implementing emergency procedures.

EEA Level 2 Award in Entrant and Entry Controller for Confined Spaces (Medium Risk)

This qualification is aimed at individuals who are undertaking the role of Top Person or Entry Controller for confined spaces and do enter the medium risk confined space. It comprises of the units which make up both the ***EEA Level 2 Award in Medium Risk Confined Spaces*** and the EEA ***Level 2 Award in Control Entry and Arrangements for Confined Spaces***. This means that learners only need to complete these units once within their 3 year lifespan, enabling learners to "top up" with the remaining units if they have already completed one of these listed qualifications.

EEA Level 2 Award in Entrant and Entry Controller for Confined Spaces (High Risk)

This qualification is aimed at individuals who are undertaking the role of Top Person or Entry Controller for confined spaces and do enter the high risk confined space. It comprises of the units which make up both the ***EEA Level 2 Award in High Risk***

Confined Spaces and the EEA ***Level 2 Award in Control Entry and Arrangements for Confined Spaces***. This means that learners only need to complete these units once within their 3 year lifespan, enabling learners to "top up" with the remaining units if they have already completed one of these listed qualifications.

EEA Level 3 Award in Managing the Confined Spaces Site

This qualification is aimed at managers or supervisors who are responsible for managing the confined spaces site. Learners will develop knowledge and understanding of the requirements for risk management, safe working and when and how to issue permits to work in confined spaces. Learners will also know how to respond to emergencies and incidents including when a rescue response is required.

Qualification Design and GLH

The Energy & Environment Awards Level 2 Confined Spaces qualifications have been designed to enable the transfer of knowledge and skills across individual qualifications through incorporating units which are common to multiple qualifications. For example, the *"Principles of working in medium risk confined spaces"* unit is included in both the Level 2 Award in Working in Medium Risk Confined Spaces and the Level 2 Award in Entrant and Entry Controller for Confined Spaces (Medium Risk). Once a learner has completed this unit, in any qualification, they can transfer the unit achievement, within the 3 year lifespan of the qualification, to another qualification. This enables the learner to be exempt from completing the unit again, including the associated assessment, instead just needing to "top up" with any remaining units that they have not already achieved. A further example is where a learner has completed Level 2 Award in Working in Medium Risk Confined Spaces they therefore have completed half of the units required to achieve the Level 2 Award in Entrant and Entry Controller for Confined Spaces (Medium Risk).

This design feature also means that sometimes there are learning outcomes and/or assessment criteria which are duplicated within a single qualification. It is our expectation that Energy & Environment Awards approved centres will design their training programmes to ensure there is no duplication of learning for individual learners. The Guided Learning Hours (GLH) and Total Qualification Time (TQT) for each unit and qualification are therefore indicative and are subject to change based on the centre tailoring their training according to the requirements of each learner / cohort

of learners. It is, however, expected that each learner completes all associated assessments for the unit(s) unless they are exempt from completing the unit (due to prior achievement).

2 Qualification Information

Qualification Delivery

Training Venue and Equipment Requirements

There are very specific training venue and equipment requirements for the delivery and assessment of the Energy & Environment Awards Confined Spaces qualifications and these are included in the Energy & Environment Awards qualification-specific Centre approval criteria for these qualifications.

Qualification Structures

Level 2 Award in Working in Medium Risk Confined Spaces

In order to achieve the **Level 2 Award in Working in Medium Risk Confined Spaces** qualification, learners must complete both of the mandatory units in Group (MR)A.

Group (MR)A: Mandatory Units		
Level:	**Unit Title:**	**Assessment Methodology:**
2	Principles of working in medium risk confined spaces	Multiple Choice Question (MCQ) Test
2	Working in medium risk confined spaces	Practical Observation

Level 2 Award in Working in High Risk Confined Spaces

In order to achieve the **Level 2 Award in Working in High Risk Confined Spaces** qualification, learners must complete both of the mandatory units in Group (HR)A.

Group (HR)A: Mandatory Units		
Level:	**Unit Title:**	**Assessment Methodology:**
2	Principles of working in high risk confined spaces	Multiple Choice Question (MCQ) Test
2	Working in high risk confined spaces	Practical Observation

Level 2 Award in Control Entry and Arrangements for Confined Spaces

In order to achieve the **Level 2 Award in Control Entry and Arrangements for Confined Spaces** qualification, learners must complete both of the mandatory units in Group (CE)A.

Group (CE)A: Mandatory Units		
Level:	**Unit Title:**	**Assessment Methodology:**
2	Principles of controlling entry and arrangements for confined spaces	Multiple Choice Question (MCQ) Test
2	Controlling entry and arrangements for confined spaces	Practical Observation

Level 2 Award in Entrant and Entry Controller for Confined Spaces (Medium Risk)

In order to achieve the **Level 2 Award in Entrant and Entry Controller for Confined Spaces (Medium Risk)** qualification, learners must complete all of the mandatory units in Groups (MR)A and (CE)A.

Group (MR)A: Mandatory Units		
Level:	**Unit Title:**	**Assessment Methodology:**
2	Principles of working in medium risk confined spaces	Multiple Choice Question (MCQ) Test
2	Working in medium risk confined spaces	Practical Observation
Group (CE)A: Mandatory Units		
Level:	**Unit Title:**	**Assessment Methodology:**
2	Principles of controlling entry and arrangements for confined spaces	Multiple Choice Question (MCQ) Test
2	Controlling entry and arrangements for confined spaces	Practical Observation

Level 2 Award in Entrant and Entry Controller for Confined Spaces (High Risk)

In order to achieve the **Level 2 Award in Entrant and Entry Controller for Confined Spaces (High Risk)** qualification, learners must complete all of the mandatory units in in Groups (HR)A and (CE)A.

Group (HR)A: Mandatory Units		
Level:	**Unit Title:**	**Assessment Methodology:**
2	Principles of working in high risk confined spaces	Multiple Choice Question (MCQ) Test
2	Working in high risk confined spaces	Practical Observation
Group (CE)A: Mandatory Units		
Level:	**Unit Title:**	**Assessment Methodology:**
2	Principles of controlling entry and arrangements for confined spaces	Multiple Choice Question (MCQ) Test
2	Controlling entry and arrangements for confined spaces	Practical Observation

Level 3 Award in Managing the Confined Spaces site

In order to achieve the **Level 3 Award in Managing the Confined Spaces site** qualification, learners must complete all of the mandatory units in Group (MCS)A.

Group (MCS)A: Mandatory Units		
Level:	**Unit Title:**	**Assessment Methodology**
3	Principles of managing safety compliance for work in confined spaces.	Short-answer Knowledge Test

3 Assessment

Trainers, Assessors and IQAs

Centres must comply with both the qualification and sector experience requirements for Trainers, Assessors and IQAs, as outlined in the Practical Observation section of this qualification specification.

Assessors are responsible for marking and recording assessment decisions on the practical observation. Internal Quality Assurers (IQAs) are responsible for sampling learners' assessment decisions and documentation and observing assessment discussions between the Assessor and the learner according to the Centre's internal quality assurance sampling approach, which will have been approved by Energy & Environment Awards as meeting the quality assurance requirements for these qualifications. IQAs are also required to verify the Trainer's competence to deliver Confined Spaces qualifications as part of their monitoring activities.

Centres are responsible for maintaining up-to-date information on Trainers, Assessors and IQAs and for ensuring the currency of the competence of all those involved in assessment and quality assurance.

Further information, advice and guidance relating to the Energy & Environment Awards expectations on Centres in delivering the qualifications and associated assessments is detailed in the sections which follow.

Overview of Assessment Methods

These qualifications are assessed as follows:-

Qualification:	Assessment Method 1:	Assessment Method 2:
Level 2 Award in Working in Medium Risk Confined Space	1 x online externally set, externally marked **multiple choice question (MCQ)** test for the knowledge assessment criteria	1 x externally set, internally marked, externally quality assured **observation** for the practical assessment criteria
Level 2 Award in Working in High Risk Confined Space	1 x online externally set, externally marked **multiple choice question (MCQ)** test	1 x externally set, internally marked, externally quality

	for the knowledge assessment criteria	assured **observation** for the practical assessment criteria
Level 2 Award in Control Entry and Arrangements for Confined Spaces	2 x online externally set, externally marked **multiple choice question (MCQ)** test for the knowledge assessment criteria	2 x externally set, internally marked, externally quality assured **observation** for the practical assessment criteria
Level 2 Award in Entrant and Entry Controller for Confined Spaces (Medium Risk)	2 x online externally set, externally marked **multiple choice question (MCQ)** test for the knowledge assessment criteria	2 x externally set, internally marked, externally quality assured **observation** for the practical assessment criteria
Level 2 Award in Entrant and Entry Controller for Confined Spaces (High Risk)	2 x online externally set, externally marked **multiple choice question (MCQ)** test for the knowledge assessment criteria	2 x externally set, internally marked, externally quality assured **observation** for the practical assessment criteria
Level 3 Award in Managing the Confined Spaces Site	1 x paper-based externally set, externally marked **short answer knowledge** test for the knowledge assessment criteria	N/A

Assessment may take place at any time during the delivery of the qualification and does not need to be done as a final assessment. It is, however, a requirement for the learner to be aware that the assessment is taking place. However, Centres are required to schedule the online multiple-choice test(s) for individual learners at the point when they feel they are ready to complete the test.

Full details of the requirements, duration and pass mark for each assessment instrument are shown in the sections which follow.

Assessment Method: Multiple-Choice Question Test

Assessment Structure

Each Multiple Choice Question (MCQ) test paper is closed book and learners are required to complete the test in exam conditions. Details of each of the unit's MCQ tests are shown in the table below:

Level 2 Award in Working in Medium Risk Confined Spaces:			
Unit title:	**Number of Questions in MCQ Test:**	**Max. time allowed:**	**Pass %:**
Principles of Working in Medium Risk Confined Spaces	38	60 minutes (1 hour)	63%
Level 2 Award in Working in High Risk Confined Spaces:			
Unit title:	**Number of Questions in MCQ Test:**	**Max. time allowed:**	**Pass %:**
Principles of Working in High Risk Confined Spaces	47	75 minutes (1 hour 15 minutes)	63%
Level 2 Award in Control Entry and Arrangements for Confined Spaces:			
Unit title:	**Number of Questions in MCQ Test:**	**Max. time allowed:**	**Pass %:**
Principles of Controlling Entry and Arrangements	48	75 minutes (1 hour 15 minutes)	64%
Level 2 Award in Entrant and Entry Controller for Confined Spaces (Medium Risk):			
Unit title:	**Number of Questions in MCQ Test:**	**Max. time allowed:**	**Pass %:**
Principles of Controlling Entry and Arrangements	48	75 minutes (1 hour 15 minutes)	64%
Principles of Working in Medium Risk Confined Spaces	38	60 minutes (1 hour)	63%

Level 2 Award in Entrant and Entry Controller for Confined Spaces (High Risk):			
Unit title:	**Number of Questions in MCQ Test:**	**Max. time allowed:**	**Pass %:**
Principles of Controlling Entry and Arrangements	48	75 minutes (1 hour 15 minutes)	64%
Principles of Working in High Risk Confined Spaces	47	75 minutes (1 hour 15 minutes)	63%

The multiple-choice questions have been written to assess the learner's knowledge and understanding as outlined in the assessment criteria within each unit. Each question will have four possible answers with one of those answers being the correct one.

Practice assessment

Learners are able to complete a practice assessment through the Energy & Environment Awards online assessment system, XAMS, prior to completing the live assessment. This will enable the learner to practice using the assessment platform but will mainly help them to identify whether they are ready to complete the live assessment.

The practice assessment mirrors the requirements of the live multiple choice assessment in terms of duration, number of questions, types of questions asked and pass mark. Centres will be able to register a learner directly onto the practice assessment on XAMS and access their result and an assessment criteria report. The result for the practice assessment will not be passed back to the learner's record on QuartzWeb.

Online assessment

The MCQ test is externally set by Energy & Environment Awards and is hosted by Energy & Environment Awards' online assessment system for Qualifications, XAMS, and automatically marked on this system, enabling instant results for the Centre. Centres will also be able to download a Performance Feedback Report which shows which assessment criteria have or have not been achieved by the learner.

Should the need arise for a Centre to apply for a reasonable adjustment to be made to the MCQ test for a learner, then the Centre must make this application at the point of registering a new learner onto the relevant Certificate in QuartzWeb. An example of a reasonable adjustment includes a reader being required for the learner completing the MCQ test. Sufficient time needs to be given to allow for adjustments to be made, should the application be successful. Therefore, Energy & Environment Awards require a minimum period of ten working days between registering a learner for the Certificate and the assessment taking place.

Centres are required to register learners for the respective qualification on QuartzWeb, Energy & Environment Awards' qualification administration system, which will automatically register them onto the Energy & Environment Awards XAMS platform for each corresponding assessment. Centres will schedule when they would like the learner to complete the MCQ test in XAMS and at this point will be asked to confirm who is in place to invigilate the test. It is important to note that Centre staff who have been involved in delivering the training for the learner(s) cannot invigilate the MCQ test. Further information is provided in the Energy & Environment Awards Invigilator Guidance document.

Examination Conditions

Each MCQ test will be conducted in full examination conditions, with no additional notes, handouts or personal electronic devices permitted.

Centres have a responsibility to ensure learners are familiar with, and able to use, the online test platform prior to their MCQ test and have the relevant IT equipment and reliable internet access in order to complete the test. Should the learner lose connection or their assessment is disrupted for any reason then the invigilator will make a decision as to whether the assessment can continue or whether examination conditions were disrupted and require the assessment to be abandoned or whether the disruption has affected the learner's performance significantly. Invigilators are required to report any incidents that occur during the MCQ test to the Centre directly and for the Centre to maintain records for quality assurance purposes where issues arise. Similarly, in these situations, Centres will need to decide whether it is appropriate to make an application to Energy & Environment Awards for a special consideration, whether a new test can be scheduled or whether a further period of training is required.

As part of each Centre's approval with Energy & Environment Awards to offer the Confined Spaces qualifications, Centres are required to provide evidence of their documented control systems for a range of processes. These are listed in full in the ***Energy & Environment Awards Centre Approval Guidance*** and associated requirements for the delivery of Confined Spaces qualifications listed in the relevant Appendix. The following, however, are required to specifically support the delivery of the MCQ test.

- Invigilation procedure
- Examination procedures, including preparation before the examination takes place, conducting the examination and post examination procedure
- Learner's proof of identity
- Location of examination centres
- Ensuring security and confidentiality of assessment materials
- Malpractice and maladministration procedure

Grading

Learners will either pass or fail this assessment.

In order to pass, learners must correctly meet the required pass mark as outlined in the table on pages 14 and 15.

Assessments are automatically marked on XAMS which enables Centres to have immediate access to results. Centres will also be able to download a Performance Feedback Report which shows which assessment criteria have or have not been achieved by the learner.

Resits

Where a learner fails the MCQ test, they are entitled to one resit with Energy & Environment Awards, at the discretion of the training provider. Following this resit a learner will be required to undertake a period of further training before being required to register again for the qualification with Energy & Environment Awards.

Where time allows, and where there is no requirement for a reasonable adjustment, a learner may re-sit the MCQ test as soon as is practicable.

Assessment Method 2: Practical Observation

Assessment Design

As cited in the **Overview of Assessment Methods** section of this Qualification Specification there are some units, which are assessed by a practical observation as well as the multiple choice test outlined above.

The practical observation requires careful planning and preparation to ensure the assessment is a valid and reliable assessment of the learner's skills in relation to each of the skills-based assessment criteria within the specific unit.

This assessment is centre-devised and assessors should be mindful in ensuring there is opportunity to observe all required assessment criteria as part of the observation.

Assessors

In order to assess this qualification, assessors must have relevant occupational competence and hold, or be working towards, one of the recognised Assessor qualifications, e.g.:

- Level 3 Award in Assessing Competence in the Work Environment
- Level 3 Certificate in Assessing Vocational Achievement
- Assessing Candidates Using a Range of Methods (A1)
- D32 or D33 – Assess Candidate Performance / Assess Candidate Performance Using Diverse Evidence.

Further information regarding the Energy & Environment Awards requirements for Centre Delivery staff, including Assessors is found in the ***Energy & Environment Awards Centre Approval Guidance*** document.

Assessment Preparation

Assessors will need to prepare fully for delivering the practical observation assessment. In addition to this, Centres must ensure that:

1. ***The Assessor acts independently from the training that has been delivered*** – the assessor may be the same individual who has delivered the training but it is essential that no coaching or guidance is given during the practical assessment. Energy & Environment Awards expects that the assessor does not ask any questions but may speak in order to stop the assessment in the case of a medical episode, an accident or emergency or unsafe practice.
2. ***Resource and site requirements are met*** – the training venue and equipment requirements are referenced in Section 3 of this document. These equipment requirements must be in place for both the training and the assessment process. The assessor is also responsible for ensuring the equipment is fit for purpose prior to use.
3. ***Learner to assessor ratio is met*** – there is a maximum learner to assessor ratio required of 5:1 for the practical observation.
4. ***Assessor is prepared*** – has access to, and is familiar with, all recording form documentation before the assessment starts, including any learner-specific requirements such as any approved reasonable adjustments. Learners must be registered with Energy & Environment Awards for the relevant Confined Spaces qualification prior to the assessment taking place.
5. ***Controlled confined space environment*** – confined space assessments **must not** take place in a live working situation; they must take place in a controlled confined space environment.

Assessment requirements

There is no minimum or maximum time required to complete the practical observation but it is the Centre's responsibility to ensure adequate time is allowed to provide sufficient opportunity for each learner to demonstrate all the assessment criteria required in each observation. Assessors should use the Energy & Environment Awards ***Practical Observation Recording Form*** for each respective unit's practical observation. The recording documentation will be checked and verified by the Centre's IQA and the Energy & Environment Awards EQA.

For the "Working in High Risk Confined Spaces" unit, the assessment must be conducted in a high risk confined space, similarly for the "Working in Medium Risk Confined Spaces" the assessment must be conducted in a medium risk confined space.

For the “Controlling entry and arrangements for confined spaces” unit – the practical assessment can be at the entry of any confined space.

Delivering the assessment

Learners are assessed independently and as such there must be no collusion between learners or with their trainer and/or assessor, which may be the same person. Assessors will make their assessment decision based on the evidence seen during the observation relating to each of the assessment criteria outlined in the ***Energy & Environment Awards Practical Observation Recording Form*** for the unit being assessed, on an individual basis. Assessors must not lead, coach or guide learners during the practical assessment.

Grading

At the end of the assessment the assessor will aggregate the results for each assessment criteria and grade the learner as either:-

- Pass
- Fail

This information is entered into the individual learner’s ***Energy & Environment Awards Practical Observation Form*** by the assessor, along with all other information required in the form. It is essential that the learner and assessor both sign and date the form when the assessment is complete, the learner is deemed competent and the grade has been confirmed by the Centre’s IQA. This form, along with any additional evidence will be uploaded to QuartzWeb by the Centre against each learner’s record.

Where the learner has not achieved a pass in the first practical observation they should be given further attempt(s) to demonstrate the assessment criteria they have not achieved in their first attempt of the assessment. There is no limit on the number of re-takes for the practical observation, however this may be dependent on time available and the duration of the Centre’s course.

Where the learner has achieved a Pass the assessor records this on the assessment recording form and uploads to QuartzWeb. On QuartzWeb the Centre will record the assessment decision as “Achieved”.

Internal Quality Assurance

The Centre's IQA will sample learners' assessment documentation and observe live assessments according to the Centre's internal quality assurance Sampling approach, which will have been approved by Energy & Environment Awards as meeting the quality assurance requirements for this qualification.

As with Assessors, the expectation is that the Centre's IQA will have relevant occupational competence and hold, or be working towards, one of the recognised IQA qualifications, e.g.:

- Level 4 Award in the Internal Quality Assurance of Assessment Process and Practice
- Level 4 Certificate in Leading the Internal Quality Assurance of Assessment Processes and Practice

Further information regarding the Energy & Environment Awards requirements for Centre Delivery staff, including Assessors is found in the ***Energy & Environment Awards Centre Approval Guidance*** document.

IQAs will keep records of the assessments which are sampled in line with their internal quality assurance policy and process. These reports provide essential evidence for the Energy & Environment Awards EQA for determining whether the learners are being assessed in line with the Energy & Environment Awards requirements and the Centre's own Quality Assurance policies and procedures.

IQAs are also required to ensure consistency across the Centre's assessors through monitoring assessment decisions, holding regular standardisation meetings and ensuring the Energy & Environment Awards requirements are being implemented appropriately. IQAs are also involved in the escalation and/or investigation of any issues or queries or potential malpractice relating to the assessment, grading decisions and the assessor's occupational competence.

External Quality Assurance

Energy & Environment Awards externally quality assures through appointing each Centre an EQA, who is responsible for checking and monitoring the assessment and quality assurance practices within the Centre to ensure assessments are conducted and quality assured in a robust, consistent manner, in line with Energy & Environment Awards requirements. The EQA does this through:-

- Approving Centres according to our qualification-specific Centre Approval Criteria and carrying out a visit as part of this approval, where required.
- Determining the sampling approach and frequency of visits for each Centre, according to their risk, volume of learners and history as an approved Centre.
- Observing live assessments, sampling learner's evidence and assessment decisions and reviewing internal quality assurance documentation and practices to ensure the Centre is delivering a robust internal quality assurance of the assessment decisions which assessors make.
- Writing a report on their findings for both the Centre and Energy & Environment Awards which details the EQAs findings, including any areas where remedial action is required and an action plan to be agreed with the Centre.
- Providing advice and support to Centres in relation to meeting the requirements of the Assessment Strategy or Energy & Environment Awards requirements.

As with Assessors and IQAs, the requirement is for Energy & Environment Awards EQAs to have the relevant occupational competence and hold, or be working towards, one of the recognised IQA qualifications, e.g.:

- Level 4 Award in Understanding the External Quality Assurance of Assessment Processes and Practice (RQF)

Assessment Method: Short-answer Knowledge Test

Assessment Structure

The single unit within the Level 3 Award in Managing the Confined Spaces site qualification is assessed by a short-answer knowledge test. The duration and pass mark for the test are shown in the table below:

Level 3 Award in Managing the Confined Spaces Site

Unit title:	Number of Questions in MCQ Test:	Max. time allowed:	Pass %:
Principles of managing safety compliance for work in confined spaces.	15	120 minutes (2 hours)	70% 70/100 marks

The assessment questions have been written to assess the learner's knowledge and understanding as outlined in the assessment criteria within each unit. Some questions have multiple parts which require an answer by the learner. The number of marks is provided for each question, and question part, the learner should be encouraged to take notice of these marks as they may provide an indication of the anticipated number of points covered in the learner's answer.

Each question will require a short-answer response which may range from one sentence or phrase to a list of points or a paragraph. This unit is assessed by a short-answer knowledge test due to the Level of the unit and the requirement for the learner to demonstrate an understanding of the subject matter.

Paper-based assessment

The short-answer knowledge test is available to download through the Energy & Environment Awards secure SharePoint folder by the invigilator only, to ensure the assessment remains secure and is not available to anyone other than the invigilator prior to the assessment taking place. The assessment will be conducted in examination conditions, as outlined in the section below, and when completed the invigilator will upload the completed test paper, along with any additional paper used by the learner for their answers and a completed invigilator form to SharePoint by the Centre against each learner's record.

Energy & Environment Awards will mark the assessment within 7 days and the result, along with a completed ***Performance Feedback Form***, will be returned to the Centre.

Should the need arise for a Centre to apply for a reasonable adjustment to be made to the MCQ test for a learner, then the Centre must make this application at the point of registering a new learner onto the relevant Certificate in QuartzWeb. An example of a reasonable adjustment includes a reader being required for the learner completing the MCQ test. Sufficient time needs to be given to allow for adjustments to be made, should

the application be successful. Therefore, Energy & Environment Awards require a minimum period of ten working days between registering a learner for the Certificate and the assessment taking place.

Centres are required to register learners for the respective qualification on QuartzWeb, Energy & Environment Awards' qualification administration system. The Centre can then decide when the learner is ready to complete the short-answer knowledge test and the invigilator will download the assessment at that point. There is no requirement to schedule learners in XAMS for this assessment.

Examination Conditions

The short-answer knowledge tests are closed book assessments, delivered in controlled conditions. Each test is required to be conducted in full examination conditions, with no additional notes, handouts or personal electronic devices permitted.

Centres have a responsibility to ensure learners have all the required equipment to complete the test, including additional paper should they require more space for their answers. Should the assessment be disrupted for any reason then the invigilator will make a decision as to whether the assessment can continue or whether examination conditions were disrupted and require the assessment to be abandoned or whether the disruption has affected the learner's performance significantly. Invigilators are required to report any incidents that occur during the test to the Centre directly and for the Centre to maintain records for quality assurance purposes where issues arise. Similarly, in these situations, Centres will need to decide whether it is appropriate to make an application to Energy & Environment Awards for a special consideration, whether a new test can be scheduled or whether a further period of training is required.

As part of each Centre's approval with Energy & Environment Awards to offer the Confined Space qualifications, Centres are required to provide evidence of their documented control systems for a range of processes. These are listed in full in the ***Energy & Environment Awards Centre Approval Guidance*** and associated requirements for the delivery of Confined Spaces qualifications listed in the relevant Appendix. The following, however, are required to specifically support the delivery of the short-answer knowledge test.

- Invigilation procedure

- Examination procedures, including preparation before the examination takes place, conducting the examination and post examination procedure
- Learner's proof of identity
- Location of examination centres
- Ensuring security and confidentiality of assessment materials
- Malpractice and maladministration procedure

Grading

Learners will either pass or fail this assessment.

In order to pass, learners must correctly meet the required pass mark as outlined in the table on page 25.

Resits

Where a learner fails the short-answer knowledge test, they are entitled to one resit with Energy & Environment Awards, at the discretion of the training provider. Following this one resit a learner will be required to undertake a period of further training before being required to register again for the qualification with Energy & Environment Awards.

Where time allows, and where there is no requirement for a reasonable adjustment, a learner may re-sit the short-answer knowledge test as soon as is practicable.

4 Unit Content

Unit Ref:	1176
Ofqual Unit Ref:	D/651/3094
Unit Title:	Principles of working in medium risk confined spaces
Level:	2
Credit value:	1
GLH:	8
Unit aim(s):	The purpose of the unit is for learners to develop underpinning knowledge to safely prepare for, and to, work in medium risk confined spaces. Learners will need to demonstrate knowledge of assessing, monitoring and reviewing the risks and hazards in line with regulatory and organisational requirements. The learner will also need to demonstrate knowledge of emergency situations and how to safely respond to them.
Assessment requirements:	This unit is assessed through an externally set, externally marked multiple choice question (MCQ) test
Relationship to NOS:	EUSCS02

Learning Outcome: The learner will:	Assessment Criteria: The learner can:	
1. Know and understand what constitutes a medium risk confined space	1.1	Identify the **specified risks** which determine a potential confined space
	1.2	Describe the main principles and **defining features** of confined spaces
	1.3	Describe the hazards, substances and situations associated with medium risk confined spaces
	1.4	Describe Confined Space Risk Categories
2. Know and understand how to assess and review risks and hazards associated with working in a medium risk confined space	2.1	State the approved codes of practice and guidance for working safely in confined spaces
	2.2	Describe the health and safety and environmental legislation and regulations for working safely in confined spaces
	2.3	Outline personal duties and responsibilities under key legislation
	2.4	Describe how to use work **authorisations and permits** to work
3. Know and understand how to assess and review risks and hazards associated with working in a medium risk confined space	3.1	Describe how to carry out a dynamic risk assessment to review risk, record findings and reduce risk of injury to self and others
	3.2	Describe the hierarchy of control measures and how they can be used to minimize risks to enable work to be carried out
4. Know how to use equipment safely when accessing, working in and exiting a medium risk confined space	4.1	Describe methods and techniques for using and wearing PPE
	4.2	Describe how to use **manufacturers' instructions** for

		the safe use of equipment when accessing and working safely in a confined space.
	4.3	Describe how to follow manufacturers' instructions for planning, pre-use and after-use inspection, and using tools and equipment
	4.4	Describe how to set up and inspect **access equipment**
	4.5	Describe how to identify when equipment is not working and the limitations of equipment
	4.6	Outline the uses and limitations of **escape sets** and how to inspect and use them
	4.7	Assess the advantages and disadvantages of **ventilation systems**
5. Know how to enter, work in and exit medium confined spaces safely	5.1	State entry procedures for medium risk confined spaces
	5.2	Explain the importance of being vigilant to possible risks, hazards and changing conditions
	5.3	Describe own role in maintaining safety when working as part of a team and/or with others
	5.4	Outline procedures and methods of working suitable to the confined space classification and local conditions
6. Know how to monitor and report on conditions and work activity	6.1	State the different types and limitations of **monitoring equipment**
	6.2	State ways to monitor conditions and work activity
	6.3	Outline **signalling and communication systems** and protocols for keeping in contact with other people while working in medium risk confined spaces
	6.4	Identify reporting systems for

		routine and non-routine work activities
7. Know how to resolve problems when working in medium-risk confined spaces	7.1	Explain the importance of resolving problems about work in confined spaces without delay
	7.2	Describe how to resolve problems when other people or organisations are involved
8. Know how to respond to emergencies, incidents and near misses	8.1	State how **emergency situations** can arise in confined spaces
	8.2	Describe own role and responsibilities when dealing with emergencies
	8.3	State procedures for dealing with and reporting emergencies, incidents and near misses
	8.4	Outline **signalling and communication** systems and protocols in an emergency situation
	8.5	Explain own remit in relation to first aid in emergency situations based on risk assessment

Range Statements:

Learning Outcome 1:

Specified risks:

(a) Serious injury due to fire or explosion
(b) Loss of consciousness arising from increased body temperature
(c) Loss of consciousness or asphyxiation arising from gas, fume, vapour, lack of oxygen
(d) Drowning from an increase in the level of a liquid
(e) Asphyxiation arising from a free flowing solid or being trapped by free flowing solid.

Defining Features

(a) A space which is substantially (though not always) enclosed
(b) One or more of the specified risks must be present or reasonably forseeable

Learning Outcome 2:

Authorisations & permits to include:

(a) Safe System of Work / method statement
(b) Isolation procedures
(c) Hygiene procedures
(d) Environmental protection procedures

Learning Outcome 4:

Access equipment:

(a) Signs & barriers
(b) Portable ladders
(c) Fixed ladders
(d) Man riding tripod
(e) Man riding winch / fall arrest system
(f) Safety harness

Ventilation Systems:

(a) Portable ventilation systems
(b) Fixed ventilation systems

Escape sets to include:

(a) Emergency escape breathing apparatus with lung demand valve
(b) Emergency escape breathing apparatus hooded set
(c) Chemical rebreather escape set

Manufacturers' instructions to include:

(a) Checks for intrinsic safety

Learning Outcome 6:

Signalling & Communication systems to include:

(a) Mobile phone
(b) Radio
(c) Air horn
(d) Whistles
(e) Lifeline

Monitoring equipment includes portable gas monitor.

Learning Outcome 8:

Emergency Situations

(a) Ingress of water
(b) Sudden influx of free-flowing materials
(c) Fire
(d) Lack of Oxygen
(e) Presence of gases, fumes vapours
(f) Loss of consciousness

Signalling & Communication systems to include:

(a) Mobile phone
(b) Radio
(c) Air horn
(d) Whistles
(e) Lifeline

Unit Ref:	1177
Ofqual Unit Ref:	F/651/3095
Unit Title:	Working in Medium Risk Confined Spaces
Level:	2
Credit value:	1
GLH:	7
Unit aim(s):	The purpose of the unit is for learners to develop skills in preparing to work in a medium risk confined space, entry and exit from the confined space and undertaking work activities within the medium confined space. It also includes a requirement for learners to demonstrate skills in responding appropriately to emergency situations.
Assessment requirements:	This unit is assessed through an externally set, internally assessed, externally quality assured practical observation
Relationship to NOS:	EUSCS02

Learning Outcome: The learner will:	Assessment Criteria: The learner can:	
1. Be able to assess, review and control risks and hazards associated with working in a medium risk confined space	1.1	Carry out a dynamic risk assessment when required during the work
	1.2	Take measures to confirm that any existing risk assessments are correct before starting work
	1.3	Take suitable action to control all risks and to remedy any unsafe activity, equipment and environmental conditions without delay
2. Be able to prepare to work in a medium risk confined space	2.2	Set up and **test signalling and communications systems** before entering confined spaces
	2.3	Carry out pre-use checks on **safety, escape and emergency equipment** prior to start working and replace if defective
	2.4	Select and examine escape sets for self rescue prior to starting work and replace them when defective
	2.5	Obtain authorisation for entry from the designated people supervising work
	2.6	Check all equipment and tools are suitable and in good order before entering confined spaces
	2.7	Select appropriate personal protective equipment (PPE) and ensure it is in a suitable condition
	2.8	Set up, test and record results of appropriate monitoring equipment before entering confined spaces
	2.9	Obtain, set up and check access equipment that is appropriate for entry and exit
	2.10	Maintain safety zones and control access and movement of people and vehicles around entry points

3. Be able to enter and exit medium confined spaces safely	3.1	Follow manufacturers' instructions for safe use of equipment
	3.2	Use specified methods to introduce equipment and tools into confined spaces
	3.3	Use appropriate escape equipment for the environment as stated in procedures
	3.4	Carry and use **escape sets** for self-rescue at appropriate times in line with procedures and manufacturers' instructions
	3.5	Enter confined spaces only when it is safe to do so
	3.6	Use **access equipment** to enter and exit medium risk confined spaces in line with procedures
	3.7	Follow employers' safe working procedures
	3.8	Identify and apply **communication methods** appropriate to tasks in confined spaces
4. Be able to respond to emergencies, incidents and near misses	4.1	Use established **signaling or communication protocols** to initiate emergency plans
	4.2	Initiate emergency plans without delay when dangerous situations arise
	4.3	Follow and maintain emergency procedures throughout incidents
	4.4	Record and report emergency incidents and their circumstances in line with procedures
5. Be able to monitor and report on conditions and work activity	5.1	Monitor the **conditions** and levels of risk within confined spaces on a continuous basis
	5.2	Monitor and respond to changing **conditions** and changes in information from monitoring equipment in line with procedures, without delay

	5.3	Complete all documentation and reports at appropriate times
	5.4	Send documentation and reports to appropriate people without delay
6. Be able to resolve problems arising from work activities in and around medium risk confined spaces	6.1	Resolve any **problems** with equipment and tools before and during their use
	6.2	Resolve any **problems** that arise during work within confined spaces with relevant people
	6.3	Resolve any **problem**s connected to entry or exit within confined spaces with relevant people
	6.4	Report any **problems** with **safety, escape and emergency equipment to the appropriate person(s)**
7. Be able to make work area safe on completion of work activities	7.1	Ensure equipment and tools are recovered from confined spaces when work is complete
	7.2	Take action to close down and make work areas safe when work is finished
	7.3	Carry out post-use checks on tools and equipment in line with manufacturers' instructions
	7.4	Clean and store tools and equipment in line with manufacturers' instructions
	7.5	Carry out post-use checks on **escape and emergency equipment** after a safe exit

Range Statements:

Learning Outcome 2:

Signalling & Communication systems may include:

(a) Intrinsically safe mobile phone
(b) Intrinsically safe radio
(c) Air horn
(d) Whistles

(e) Lifeline/ rope

Safety, escape and emergency equipment – to include, fall protection / access equipment, escape sets, monitoring equipment.

Fall Protection / access equipment may include any of the following:

(a) Signs & barriers
(b) Portable ladders
(c) Fixed ladders
(d) Man riding tripod
(e) Man riding winch / fall arrest system / safety / rescue harness
(f) Davit System

Escape sets may include any of the following:

(a) Positive pressure mask
(b) Constant flow hood
(c) Rebreather

Monitoring equipment must include:

(a) Portable gas monitor

Learning Outcome 3:

Escape sets:

(a) Positive pressure mask
(b) Constant flow hood
(c) Rebreather

Access equipment:

(a) Portable ladders
(b) Fixed ladders
(c) Man riding tripod
(d) Man riding winch / fall arrest system
(e) Safety harness
(f) Davit System

Communication methods:

(a) Intrinsically safe mobile phone
(b) Intrinsically safe radio
(c) Air horn
(d) Whistles

(e) Lifeline/ rope

Learning Outcome 4:

Signaling or communication protocols:

(a) Mobile phone
(b) Radio
(c) Air horn
(d) Whistles
(e) Lifeline / rope

Learning Outcome 5:

Conditions may include:

(a) Weather
(b) Atmospheric conditions
(c) Fluid levels
(d) Heat

Learning Outcome 6:

Safety, escape and emergency equipment – to include, fall protection / access equipment, escape sets, monitoring equipment.

Fall Protection / access equipment may include any of the following:

(a) Signs & barriers
(b) Portable ladders
(c) Fixed ladders
(d) Man riding tripod
(e) Man riding winch / fall arrest system; safety / rescue harness
(f) Davit System

Escape sets may include any of the following:

(a) Positive pressure mask
(b) Constant flow hood
(c) Rebreather

Monitoring equipment must include:

(a) Portable gas monitor

Problems may relate to:

(a) Breathing apparatus
(b) Ancillary equipment
(c) Conditions within the confined space
(d) Communication

Learning Outcome 7:

Escape and emergency equipment – to include, fall protection / access equipment, escape sets, monitoring equipment.

Fall Protection / access equipment may include any of the following:

(a) Signs & barriers
(b) Portable ladders
(c) Fixed ladders
(d) Man riding tripod
(e) Man riding winch / fall arrest system; safety / rescue harness
(f) Davit System

Escape sets may include any of the following:

(a) Positive pressure mask
(b) Constant flow hood
(c) Rebreather

Monitoring equipment must include:

(b) Portable gas monitor

Unit Ref:	1120
Ofqual Unit Ref:	J/651/3088
Unit Title:	Principles of Working in High Risk Confined Spaces
Level:	2
Credit value:	1
GLH:	12
Unit aim(s):	The purpose of the unit is for learners to develop underpinning knowledge to safely prepare for, and to, work in high risk confined spaces. Learners will need to demonstrate knowledge of assessing, monitoring and reviewing the risks and hazards in line with regulatory and organisational requirements. The learner will also need to demonstrate knowledge of emergency situations and how to safely respond to them.
Assessment requirements:	This unit is assessed through an externally set, externally marked multiple choice question (MCQ) test
Relationship to NOS:	EUSCS03

Learning Outcome: The learner will:	Assessment Criteria: The learner can:	
1. Know and understand what constitutes a high risk confined space	a.	List the **specified risks** which determine a potential confined space
	b.	Describe the main principles and **defining features** of confined spaces
	c.	Describe the **hazards, substances and situations** associated with high risk confined spaces
	d.	Describe Confined Space Risk Categories
2. Know and understand how to assess and review risks and hazards associated with working in a high risk confined space	2.1	State the approved codes of practice and guidance for working safely in confined spaces
	2.2	Describe the health and safety and environmental legislation and regulations for working safely in confined spaces
	2.3	Outline personal duties and responsibilities under key legislation
	2.4	Describe how to use work **authorisations and permits** to work
3. Know and understand how to assess and review risks and hazards associated with working in a high risk confined space	3.1	Describe how to carry out a dynamic risk assessment to review risk, record findings and reduce risk of injury to self and **others**
	3.2	Describe the hierarchy of control measures and how they can be used to minimize risks to enable work to be carried out
4. Know how to use equipment safely when accessing, exiting, escaping and working in a high risk confined space	4.1	Outline the use and limitations of safety, escape and emergency equipment

	4.2	Describe how to carry out pre-use checks of, and recognise defects in, safety, escape and emergency equipment
	4.3	Describe how to **use** and remove PPE and escape breathing apparatus correctly
	4.4	Explain the **implications** of not using PPE and escape breathing apparatus correctly
	4.5	Describe the importance of following manufacturers' instructions relating to the use of **safety, escape and emergency equipment**.
	4.6	Describe the benefits and disadvantages of ventilation systems.
	4.7	Describe how to set up and inspect access equipment
5. Know how to enter and work safely in a high risk confined space	5.1	State entry procedures for high risk confined spaces
	5.2	Explain the importance of being vigilant to possible risks, hazards and changing conditions
	5.3	Describe own role in maintaining safety when working as part of a team and/or with others
	5.4	Outline procedures and methods of working suitable to the high risk confined space classification and local conditions
6. Know how to monitor and report on conditions and work activity	6.1	State the different types and limitations of **monitoring equipment**
	6.2	State ways to monitor conditions and work activity

	6.3	Outline **signalling and communication systems** and protocols for keeping in contact with other people while working in high risk confined spaces
	6.4	Identify reporting systems for routine and non-routine work activities
7. Know how to resolve problems when working in high risk confined spaces	7.1	Explain the importance of resolving **problems** about work in confined spaces without delay
	7.2	Describe how to resolve problems when other people or organisations are involved
8. Know how to respond to emergencies, incidents and near misses	8.1	State how **emergency situations** can arise in confined spaces
	8.2	Outline decontamination procedures
	8.3	Describe own role and responsibilities when dealing with emergencies
	8.4	State procedures for dealing with and reporting emergencies, incidents and near misses
	8.5	Explain own remit in relation to first aid in emergency situations based on risk assessment
	8.6	Outline signalling and communication systems and protocols in an emergency situation

Range Statements:

Learning Outcome 1:

Hazards, substances and situations – to include drowning, engulfment, heat, suffocation, asphyxiation, fire and explosion

Specified risks:

(a) Serious injury due to fire or explosion
(b) Loss of consciousness arising from increased body temperature
(c) Loss of consciousness or asphyxiation arising from gas, fume, vapour, lack of oxygen
(d) Drowning from an increase in the level of a liquid

(e) Asphyxiation arising from a free flowing solid or being trapped by free flowing solid.

Defining Features

(a) A space which is substantially (though not always) enclosed
(b) One or more of the specified risks must be present or reasonably forseeable

Learning Outcome 3:

Others – to include colleagues and the general public.

Learning Outcome 4:

Use – to include how to fit, put on, wear and use.
Implications – implications on duration of use and protection

Safety, escape and emergency equipment – to include RPE , fall protection / access equipment, escape sets, monitoring equipment, assisted rescue equipment

RPE- types to include:

(a) Compressed air line
(b) Air Trolley
(c) Self-Contained BA

Fall Protection / access equipment

(a) Signs & barriers
(b) Portable ladders
(c) Fixed ladders
(d) Man riding tripod
(e) Man riding winch / fall arrest system
(f) Safety / rescue harness
(g) Davit System

Escape sets:

(a) Positive pressure mask
(b) Constant flow hood
(c) Rebreather

Monitoring equipment:

(a) Portable gas monitor

Ventilation:

(a) Natural

(b) Forced
(c) Purging

Learning Outcome 6:

Monitoring equipment:

(a) Portable gas monitor
(b) Area monitoring equipment

Signalling & Communication systems and protocols to include:

(a) Mobile phone
(b) Radio
(c) Air horn
(d) Whistles
(e) Lifeline

Learning Outcome 7:

Problems should relate to
(a) Breathing apparatus
(b) Gas monitors
(c) Conditions encountered in the confined space

Learning Outcome 8:

Emergency situations:

(a) Ingress of water
(b) Sudden influx of free-flowing materials
(c) Fire
(d) Lack of Oxygen
(e) Presence of gases, fumes vapours
(f) Loss of consciousness

Unit Ref:	1121
Ofqual Unit Ref:	K/651/3089
Unit Title:	Working in High Risk Confined Spaces
Level:	2
Credit value:	1
GLH:	8
Unit aim(s):	The purpose of the unit is for learners to develop develop skills to safely prepare for, and to, work in high risk confined spaces. Learners will need to demonstrate the skills for making a safe and controlled entry and exit, undertaking work using appropriate breathing apparatus and responding appropriately to emergency situations.
Assessment requirements:	This unit is assessed through an externally set, internally assessed, externally quality assured practical observation
Relationship to NOS:	EUSCS03

Learning Outcome: The learner will:	Assessment Criteria: The learner can:	
1. Be able to assess, review and control risks and hazards associated with working in a high risk confined space	1.1	Take action to adhere to current, site-specific risk assessments before starting work
	1.2	Take suitable action to control all risks and to remedy any unsafe activity, equipment and environmental conditions without delay
	1.3	Carry out a dynamic risk assessment when required during the work
2. Be able to prepare to work in a high risk confined space	2.1	Set up and test **signaling and communications systems** before entering confined spaces
	2.2	Check there are suitable emergency and rescue arrangements prior to entry
	2.3	Select and examine **safety, escape and emergency equipment,** which are appropriate for the conditions
	2.4	Confirm that safety equipment is compatible with self and allocated PPE
	2.5	Check all equipment and tools are suitable and in good order before entering confined spaces
	2.6	Select appropriate personal protective equipment (PPE) and ensure it is in a suitable condition
	2.7	Carry out pre-use checks on **safety, escape and emergency equipment** prior to start working and replace if defective
	2.8	Put on breathing apparatus and PPE before entering confined space
	2.9	Check conditions are safe before entering confined spaces

	2.10	Obtain authorisation for entry from the designated people supervising work
	2.11	Set up, test and record results of appropriate **monitoring equipment** before entering confined spaces
	2.12	Maintain safety zones and control access and movement of people and vehicles around entry points
	2.13	Obtain, set up and check access equipment that is appropriate for entry and exit
3. Be able to enter and exit the high risk confined space safely	3.1	Enter confined spaces when it is safe to do so
	3.2	Use specified methods to introduce tools and equipment into confined spaces
	3.3	Follow manufacturers' instructions for safe use of equipment
	3.4	Follow employers' safe working procedures
	3.5	Identify and apply communication methods appropriate to tasks in confined space
	3.6	Use access equipment to enter and exit high risk confined spaces in line with procedures
	3.7	**Use appropriate safety, escape and emergency equipment** in line with procedures and manufacturers' instructions
	3.8	Monitor safety, escape and emergency equipment during operation and use
4. Be able to respond to emergencies, incidents and near misses	4.1	Use established **signaling or communication protocols** to initiate emergency plans
	4.2	Initiate emergency plans without delay when dangerous situations arise

	4.3	Follow and maintain emergency procedures throughout incidents
	4.4	Record and report emergency incidents and their circumstances in line with procedures
5. Be able to monitor and report on conditions and work activity	5.1	Monitor the **conditions** and levels of risk within confined spaces on a continuous basis
	5.2	Monitor and respond to changing **conditions** and changes in information from monitoring equipment in line with procedures and without delay
	5.3	Complete all documentation and reports at appropriate times
	5.4	Send documentation and reports to appropriate people without delay
6. Be able to resolve any problems arising from work activities in and around high risk confined spaces	6.1	Resolve any problems with **safety, escape and emergency equipment** and report non-conformities to appropriate people
	6.2	Resolve any problems with any other equipment and tools before and during their use
	6.3	Resolve any **problems** connected to work within confined spaces with relevant people
7. Be able to make work area safe on completion of work activities	7.1	Ensure equipment and tools are recovered safely from confined spaces when work is complete
	7.2	Make work areas safe on completion of work activities
	7.3	Carry out post-use checks on tools and equipment in line with manufacturers' instructions

7.4	Carry out post-use checks on **safety, escape and emergency equipment**
7.5	Clean and store tools and equipment in line with manufacturers' instructions

Range Statements:

Learning Outcome 1:

Signalling & Communication systems may include:

(a) Intrinsically safe mobile phone
(b) Intrinsically safe radio
(c) Air horn
(d) Whistles
(e) Lifeline / rope

Safety, escape and emergency equipment – to include RPE, fall protection / access equipment, escape sets, monitoring equipment.

RPE- types may include any of the following:

(a) Compressed air line
(b) Air Trolley
(c) Self-Contained BA

Fall Protection / access equipment may include any of the following:

(a) Signs & barriers
(b) Portable ladders
(c) Fixed ladders
(d) Man riding tripod
(e) Man riding winch / fall arrest system
(f) Safety / rescue harness
(g) Davit System

Escape sets may include any of the following:

(a) Positive pressure mask
(b) Constant flow hood
(c) Rebreather

Monitoring equipment must include:

(a) Portable gas monitor
(b) Tally board / BA control board.

Learning Outcome 3:

Use appropriate safety, escape and emergency equipment

to include RPE, fall protection / access equipment, escape sets, monitoring equipment.

RPE- types may include any of the following:

(a) Compressed air line
(b) Air Trolley(c)
(c) Self-Contained BA

Fall Protection / access equipment may include any of the following:

(a) Signs & barriers
(b) Portable ladders
(c) Fixed ladders
(d) Man riding tripod
(e) Man riding winch / fall arrest system
(f) Safety / rescue harness
(g) Davit System

Escape sets may include any of the following:

(a) Positive pressure mask
(b) Constant flow hood
(c) Rebreather

Monitoring equipment must include:

(a) Portable gas monitor
(b) Tally board / BA control board.

Learning Outcome 4:

Signaling or communication protocols

(a) Mobile phone
(b) Radio
(c) Air horn
(d) Whistles
(e) Lifeline / rope
(f) Tally boards/ BA control board

Learning Outcome 5:

Conditions may include:

(a) Weather
(b) Atmospheric conditions
(c) Fluid levels
(d) Heat

Learning Outcome 6:

Safety, escape and emergency equipment – to include RPE, fall protection / access equipment, escape sets, monitoring equipment.

RPE- types may include any of the following:

(a) Compressed air line
(b) Air Trolley
(c) Self-Contained BA

Fall Protection / access equipment may include any of the following:

(a) Signs & barriers
(b) Portable ladders
(c) Fixed ladders
(d) Man riding tripod
(e) Man riding winch / fall arrest system
(f) Safety / rescue harness
(g) Davit System

Escape sets may include any of the following:

(a) Positive pressure mask
(b) Constant flow hood
(c) Rebreather

Monitoring equipment may include:

(a) Portable gas monitor
(b) Tally board / BA control board

Problems may relate to:

(a) Breathing apparatus
(b) Ancillary equipment
(c) Conditions within the confined space
(d) Communication

Learning Outcome 7:

Safety, escape and emergency equipment – to include RPE, fall protection / access equipment, escape sets, monitoring equipment.

RPE- types may include any of the following:

(a) Compressed air line
(b) Air Trolley
(c) Self-Contained BA

Fall Protection / access equipment may include any of the following:

(a) Signs & barriers
(b) Portable ladders
(c) Fixed ladders
(d) Man riding tripod
(e) Man riding winch / fall arrest system
(f) Safety / rescue harness
(g) Davit System

Escape sets may include any of the following:

(a) Positive pressure mask
(b) Constant flow hood
(c) Rebreather

Monitoring equipment must include:

(a) Portable gas monitor
(b) Tally board / BA control board.

Unit Ref:	1122
Ofqual Unit Ref:	T/651/3091
Unit Title:	Principles of Controlling Entry and Arrangements for Confined Spaces
Level:	2
Credit value:	1
GLH:	12
Unit aim(s):	The purpose of the unit is for learners to develop underpinning knowledge to safely carry out the role of top person for confined spaces. Learners will need to demonstrate knowledge of: • overseeing safe entry to and safe exit from a confined space • monitoring the working team and environment whilst maintaining communication with team members. • dealing with emergencies that arise.
Assessment requirements:	This unit is assessed through an externally set, externally marked multiple choice question (MCQ) test
Relationship to NOS:	EUSCS04

Learning Outcome: The learner will:	Assessment Criteria: The learner can:	
1. Know and understand what constitutes a confined space and the associated risk classifications	1.1	Identify the **specified risks** which determine a potential confined space
	1.2	Describe the main principles and characteristics of confined spaces
	1.3	Define hazardous situations and how they determine the different types and categories of specified risk
	1.4	List the **hazards, substances and situations** associated with confined spaces
	1.5	Explain how to identify medium and high risk confined spaces
	1.6	Describe Confined Space Risk Categories
2. Know and understand the health and safety requirements for working safely in a confined space	2.1	State the approved codes of practice and guidance for working safely in confined spaces
	2.2	Identify the health and safety and environmental legislation and regulations for working safely in confined spaces
	2.3	Outline personal duties and responsibilities for top person under key legislation
3. Know and understand how to assess and review risks and hazards associated with working in a confined space	3.1	Describe how to carry out a dynamic risk assessment to reduce risk of injury to self and **others**
	3.2	Identify how to assess and review risks and hazards
	3.3	Describe the hierarchy of control measures and how they can be used to minimize risks to enable work to be carried out
	3.4	Explain the importance of being vigilant to possible risks, hazards and changing conditions

4. Know how to manage the safe use of equipment when accessing, exiting and working in a confined space	4.1	Describe methods and techniques for using and wearing PPE
	4.2	Describe the limitations of equipment and how to identify if it is not working
	4.3	State the purpose and use of emergency boards, logs and BACO boards
	4.4	Outline legislation, approved codes of practice and guidelines for the use of safety equipment including self-breathing apparatus and airlines
	4.5	Describe how to prepare, test and use access, escape and assisted rescue equipment
	4.6	Describe the importance of following manufacturers' instructions relating to the use of equipment for accessing and working safely in confined spaces
	4.7	Identify how **ventilation** systems work and assess their benefits and disadvantages
	4.8	Describe procedures for the preparation, inspection and use of tools and equipment
5. Know how to control the safe entry, exit and work activities in a confined space	5.1	Outline own responsibilities of managing work teams in confined spaces
	5.2	Explain how to maintain the safety of other team members
	5.3	Describe procedures and methods of working suitable to the confined space classification and local conditions
	5.4	Outline how to close down and make entry points safe
	5.5	Explain the importance of resolving problems around entry, exit and work in confined spaces without delay

6. Know how to monitor and report on conditions and work activity	6.1	Describe the different types and limitations of **monitoring** equipment
	6.2	Describe ways to monitor and react to conditions and work activity
	6.3	Describe communication methods for keeping in contact with team members in confined spaces, emergency teams and supervisors
	6.4	Describe reporting systems for routine and non-routine work activities
7. Know how to respond to emergencies, incidents and near misses	7.1	State how emergency situations can arise in confined spaces
	7.2	List types and categories of **emergency situations**
	7.3	Outline procedures for dealing with irregularities, abnormal situations, emergencies, incidents and near misses including rescue and recovery
	7.4	List the different types of **rescue equipment** and their limitations
	7.5	Identify the responsibilities of a rescue team and its individual team members
	7.6	Identify relevant information to pass to rescue team
	7.7	Outline own remit in relation to first aid in emergency situations based on risk assessment
	7.8	Describe how to access qualified first aiders
	7.9	Describe reporting systems for emergency situations

Range Statements:

Learning Outcome 1:

Specified risks:

(a) Serious injury due to fire or explosion
(b) Loss of consciousness arising from increased body temperature
(c) Loss of consciousness or asphyxiation arising from gas, fume, vapour, lack of oxygen
(d) Drowning from an increase in the level of a liquid
(e) Asphyxiation arising from a free flowing solid or being trapped by free flowing solid.

Hazards, substances and situations

to include:

(a) drowning
(b) engulfment
(c) heat, suffocation
(d) asphyxiation

fire and explosion

Learning Outcome 3:

Others – to include:

(a) Colleagues
(b) general public

Learning Outcome 4:

Ventilation

(a) Natural
(b) Forced
(c) Purging

Learning Outcome 6:

Monitoring equipment:

(a) Portable gas monitor
(b) Area monitoring equipment
(c) Tally / BACO boards

Learning Outcome 7:

Emergency Situations

(a) Ingress of water
(b) Sudden influx of free-flowing materials
(c) Fire
(d) Lack of Oxygen

(e) Presence of gases, fumes vapours
(f) Loss of consciousness

Rescue Equipment must include:

(a) Breathing apparatus
(b) Man riding tripod
(c) Man riding winch
(d) Rescue Harness
(e) Lifelines
(f) Resuscitation equipment/AED's

Unit Ref:	1123
Ofqual Unit Ref:	R/651/3090
Unit Title:	Controlling Entry and Arrangements for Confined Spaces
Level:	2
Credit value:	1
GLH:	8
Unit aim(s):	The purpose of the unit is for learners to develop the skills to safely carry out the role of top person for confined spaces. Learners will need to demonstrate skills in: • overseeing safe entry to and safe exit from a confined space • monitoring the working team and environment whilst maintaining communication with team members. • dealing with emergencies that arise.
Assessment requirements:	This unit is assessed through an externally set, internally assessed, externally quality assured practical observation
Relationship to NOS:	EUSCS04 and EUSCS05

Learning Outcome: The learner will:	Assessment Criteria: The learner can:	
1. Be able to make preparations for safe working in confined spaces before allowing people to enter confined spaces	1.1	Check that all relevant **health and safety documents** are in place
	1.2	Ensure all personnel are competent to carry out activities.
	1.3	Take action to confirm all **communication systems**, including emergency communication systems are set up, tested and working
	1.4	Check that **rescue equipment** is available and fit for purpose
	1.5	Ensure ventilation is effective, and any equipment is fit for purpose and in good working order
	1.6	Check environmental conditions are safe before entry, in line with permits.
	1.7	Check that team members have appropriate, equipment which is fit for purpose and within its service date before entry.
	1.8	Confirm all team members know and understand their roles, the nature and classification of the confined space in line with the SSOW
	1.9	Carry out real-time risk assessments before teams start work
	1.10	Confirm emergency arrangements, procedures and communication systems are in place and working properly
	1.11	Brief and ensure all team members understanding of emergency procedures
	1.12	Ensure team members check and wear specified PPE and personal safety / emergency equipment

2. Be able to control safe entry and exit from confined spaces	2.1	Ensure work team members enter and exit confined spaces safely in accordance with the SSOW & procedures
	2.2	Ensure team members follow correct procedures for the carrying and use of safety equipment.
	2.3	Make sure team members use **monitoring and entry equipment** as specified
	2.4	Maintain safety zones around work sites, controlling access of people and vehicles around entry points
	2.5	Maintain effective team communication at all times during entry and exit.
	2.6	Take action to close down and make entry points safe at the end of work activity
	2.7	Oversee recovery of equipment and tools from site when work is finished
	2.8	Make reports and complete all documentation and submit to **designated people**
3. Be able to monitor safe working in confined spaces	3.1	Ensure team members monitor at all levels prior to entry
	3.2	Monitor environmental readings on an ongoing basis
	3.3	Respond to information from monitoring equipment appropriately
	3.4	Communicate with work teams at agreed intervals about **environmental conditions**
	3.5	Monitor work teams for continuous compliance with procedures
4. Be able to respond to emergencies and incidents	4.1	Initiate and follow **emergency procedures** without delay when incidents or emergencies arise

	4.2	Maintain control over team members during incidents and emergencies
	4.3	Maintain emergency communications during incidents and emergencies in line with emergency procedures
	4.4	Make sure that emergency equipment is used in line with manufacturers' instructions and emergency procedures
	4.5	Arrange for basic first aid from qualified individuals to be available from recovered surface casualties
	4.6	Maintain emergency communications during incidents and emergencies in line with emergency procedures
	4.7	Hand over information to emergency rescue teams in line with reporting procedures
	4.8	Record and report incidents and emergencies and their circumstances in appropriate reporting systems
	4.9	Make sure sites are secured and maintained for post-rescue investigations
5. Be able to resolve problems which arise during entry, exit or work within confined spaces	5.1	Take prompt action to remedy any incorrect activities with team members
	5.2	Resolve any **problems** connected to the entry, exit or work of team members within confined spaces with designated people
	5.3	Act without delay to remedy any unsafe activity (including not following procedures), equipment and environmental conditions

Range Statements:

Learning Outcome 1:

Health and safety documents to include:

(a) Point of work risk assessment
(b) Method statement SSOW
(c) Permit to enter

Communication systems may include:

(a) Intrinsically safe mobile phone
(b) Intrinsically safe radio
(c) Air horn
(d) Whistles
(e) Lifeline / rope

Rescue Equipment must include:

(a) Breathing apparatus
(b) Man riding tripod
(c) Man riding winch
(d) Rescue Harness
(e) Lifelines
(f) Resuscitation equipment/AED's

Learning Outcome 2:

Designated people: include permit to work issuer / receiver.

Monitoring and entry equipment:

Portable Gas Monitor

Fall arrest system

Rescue Harness

Ladder

Learning Outcome 3:

Environmental conditions to include:

(a) Atmosphere within the confined space
(b) Weather conditions

Learning Outcome 4:

Emergency Procedures

To include:

(a) Self-rescue in the event of an emergency
(b) Arrangements for rescue by others

Learning Outcome 5:

Problems may relate to one of following:

(a) Breathing apparatus
(b) Ancillary equipment
(c) Conditions within the confined space
(d) Communication

Unit Ref:	1124
Ofqual Unit Ref:	Y/651/3092
Unit Title:	Principles of Managing Safety Compliance for Work in Confined Spaces
Level:	3
Credit value:	2
GLH:	15
Unit aim(s):	The purpose of the unit is for learners to develop the knowledge of how to manage the Confined Spaces site. This includes developing the learner's knowledge and understanding of the requirements for risk management and safe working, including how to issue permits to work in confined spaces. Learners will also develop knowledge and understanding in how to respond to emergencies and incidents, including where a rescue response is required.
Assessment requirements:	This unit is assessed through an externally set, externally marked short-answer knowledge test.
Relationship to NOS:	EUSCS05 and EUSCS06

Learning Outcome: The learner will:	Assessment Criteria: The learner can:	
1. Know how to plan for safe working in confined spaces	1.1	Describe key health and safety and environmental legislation and regulations relating to work in confined spaces
	1.2	Outline approved **codes of practice** for working safely in confined spaces
	1.3	State the legislative duty placed on the employer, manager, supervisor and operator associated with confined spaces activities
	1.4	Describe organisational requirements relevant to confined space work activities
	1.5	Identify the competencies required for personnel involved in confined space work activities including medical exclusions, human factors and ergonomic issues
	1.6	Identify the range of plant and equipment required to undertake work activities in confined spaces
	1.7	Describe the **roles and responsibilities** of those involved in confined space work activity
	1.8	Outline the frequency of ongoing training required for both managing a confined spaces site and those working within confined spaces
2. Know how to assess and review risks and hazards associated with working in a confined space	2.1	Describe the **five step process** to producing risk assessments
	2.2	Assess the potential existing hazards when undertaking confined space work activities
	2.3	Assess the potential imported hazards when undertaking confined space work activities
	2.4	Describe the hierarchy of hazard

		control
	2.5	Describe how to mitigate against hazards and determine levels of risk
	2.6	Identify people who are likely to be affected by work activities associated with confined spaces
	2.7	Explain the importance of reviewing risk assessments
3. Know how to effectively control risks associated with confined space work activities	3.1	Identify relevant measures for effectively controlling **"specified risks"** associated with confined space work activities
	3.2	Outline the steps needed to create a safe system of work
	3.3	Outline how to evaluate the effectiveness of existing and proposed control measures
4. Know the safe use of equipment to support others when entering, working in and exiting a confined space	4.1	Evaluate different types of **ventilation systems** according to the circumstances in which their use would be most effective
	4.2	Describe the range of equipment available for accessing confined spaces
	4.3	Explain how to ensure the equipment and tools are compatible for the environment being worked in
	4.4	Explain the importance of checking equipment and tools are fit-for-purpose
	4.5	Describe the range of **respiratory protective equipment** available for confined space work activities
	4.6	Identify the relevant Personal Protective Equipment available for confined space work activities
	4.7	Outline decontamination procedures
5. Know how to issue permits to work		
	5.1	Explain when permits to work

		should be issued.
	5.2	Describe how to issue permits to work
	5.3	Describe the purpose of permits to work for confined space work activities
	5.4	Describe roles and responsibilities of personnel involved in confined space work activities under a permit to work system
6. Know how to communicate, monitor and report on conditions and work activity	6.1	Identify **communication methods** suitable for confined space work activities
	6.2	Describe the different types of environmental monitoring equipment available for confined space work activities
	6.3	Describe the environmental monitoring regimes required to enable work to be undertaken safely
	6.4	Describe communication and reporting systems for routine work activities and for resolving problems
7. Know how to respond to emergencies, incidents and near misses	7.1	State how **emergency situations** can arise in confined spaces
	7.2	Explain the emergency arrangements that must be in place and how to write an emergency plan
	7.3	Describe roles and responsibilities of personnel involved in confined space work activity should an emergency arise
	7.4	Explain communication requirements and reporting systems for emergency situations
	7.5	Describe how to respond to emergencies

7.6	Outline the rescue equipment that may be used in confined spaces
7.7	Explain own role and responsibilities in relation to the production of a rescue plan, including when to include external agencies
7.8	Outline the first aid measures that may be used in confined spaces
7.9	Describe procedures for dealing with the aftermath of an emergency

Range Statements:

Learning Outcome 1

Codes of practice:

L101 Safe Work in Confined Spaces

Roles and responsibilities:

- Entrant(s)
- Entry Controller (Top Person)

Learning Outcome 2

Five Step Process:

(a) Identify the hazards present
(b) decide who could be harmed and how
(c) evaluate the risks
(d) record the findings
(e) review regularly

Learning Outcome 3

Specified Risks:

(a) Serious injury due to fire or explosion
(b) Loss of consciousness arising from increased body temperature
(c) Loss of consciousness or asphyxiation arising from gas, fume, vapour, lack of oxygen
(d) Drowning from an increase in the level of a liquid
(e) Asphyxiation arising from a free flowing solid or being trapped by free flowing solid.

Learning Outcome 4

Ventilation systems:

(a) Natural ventilation
(b) Forced Air Ventilation
(c) Purging

Respiratory Protective Equipment:

(a) Rebreather
(b) Escape BA
(c) Working BA

Learning Outcome 6

Communication Methods:

(a) Speech
(b) Intrinsically safe telephone
(c) Intrinsically safe radio
(d) Whistle
(e) Intrinsically safe torches
(f) Rope (tugs)

Learning Outcome 7

Emergency Situations:

(a) Ingress of water
(b) Sudden influx of free-flowing materials
(c) Fire
(d) Lack of Oxygen
(e) Presence of gases, fumes vapours
(f) Loss of consciousness

5 Awarding

Grading

In order to achieve the qualifications listed in this Qualification Specification, learners must “pass” each of the assessment methods for the units which comprise the specific qualification. Assessment decisions will be subject to internal and external quality assurance.

Certification

Energy & Environment Awards issues a qualification certificate of achievement for each qualification that has been achieved by the learner. Energy & Environment Awards offers learners an electronic certificate available to the Centre to download from Quartzweb, following the processing of a successful claim, or a physical certificate by exception and at an additional cost, which will be sent directly to the registered Centre. Learners who do not achieve the full qualification, but who have successfully achieved individual unit(s) will be able to receive an electronic unit certificate.

The date of certification is based on the achievement of the final unit and all of the qualifications are valid for 3 years from the certificate issue date.

6 Energy & Environment Awards Policies

Energy & Environment Awards has published comprehensive policies, which are made available to approved Centres and learners on the Energy & Environment Awards Qualifications website at: https://energyenvironmentawards.co.uk/policies-and-fees/

Contact Us

Please do not hesitate to contact the Energy & Environment Awards Qualifications team for any query relating to the delivery, assessment, quality assurance or certification of these qualifications.

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