



Clustered Units

**RIIWH202E Enter and work in confined spaces,
MSMWHS217 Gas test atmospheres
MSMWHS201 Conduct hazard analysis**

Do not return to Sitetrain – re-use for future courses

Student Course Pack

Content:
Course Information
Student Instructions
Theory Assessment Questions

Rev Date: March 2023	Doc ID: 06. RIIWH202E Student Pack V13	Version #: 13	Approved By: D. Palazzi	Date Approved: 22/03/2023	Page 1 of 22
Doc Location: Dropbox\SITETRAIN (1)\Resources\RII30415 Certificate III Resource Processing\Group C\RIIWH202E Enter and work in confined spaces + MSMWHS217\Assessment Documentation\					

Introduction – 3 Clustered Units of Competency

This Assessment Package outlines the requirements for the assessment of

- RIIWHS202E Enter and work in confined spaces,
- MSMWHS217 Gas test atmospheres
- MSMWHS201 Conduct hazard analysis holistically.

These units of competency are a requirement for any person who will be exposed to confined spaces during their workday. Required to conduct gas testing of atmospheres or use gas detectors for monitoring purposes while working in potentially hazardous atmospheres. Conducting hazard analysis as part of permitting systems and identifying hazards for confined space entry is part of any permitting system.

These units are designed by Sitetrain for an industrial setting particularly relevant to the mining sector, industries that service mining, local councils, and heavy industry.

Unit 1 Information

The first unit of competency being assessed is **RIIWHS202E Enter and work in confined spaces**. This competency is from the Resource and Infrastructure Industry training package **RII**.

The unit can be accessed at training.gov.au at the following link:

<https://training.gov.au/Training/Details/RIIWHS202E>.

The unit of competency is task orientated and the performance criteria expresses in detail the standard of performance and the sequence these tasks are usually performed. The **RII** Training Package identifies the unit of competency as the benchmark for assessment.

This unit involves:

1. Plan and prepare for working in confined space.
2. Work in confined space.
3. Exit confined space.
4. Clean up.

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- enter and work in confined spaces on at least two occasions, including:
- obtaining the required entry permit and instructions for performing work in confined spaces
- interpreting and applying workplace procedures
- applying tagging and lock out procedures
- selecting, wearing and caring for personal protective equipment
- using atmospheric monitoring devices prior to entering the confined space
- entering the confined space
- working in the confined space
- using atmospheric monitoring devices during confined space activity
- applying safe materials handling methods
- exiting the confined space
- removing tagging and lock out.

Rev Date: March 2023	Doc ID: 06. RIIWHS202E Student Pack V13	Version #: 13	Approved By: D. Palazzi	Date Approved: 22/03/2023	Page 2 of 22
Doc Location: Dropbox\SITETRAIN (1)\Resources\RII30415 Certificate III Resource Processing\Group C\RIIWHS202E Enter and work in confined spaces + MSMWHS217\Assessment Documentation\					

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- key legislation relevant to enter and work in confined spaces
- key policies, procedures and documentation required to enter and work in confined spaces, including:
- entry and exit procedures, risks and regulations
- site and equipment safety requirements
- site isolation and site control responsibilities and authorities
- safety data sheets
- incidents and emergency response documentation
- principles and techniques for identifying and responding to:
- areas that constitute confined spaces
- types of air contaminants and toxic gases
- limitations of breathing apparatus
- relevant hazards and emergencies
- equipment types, characteristics, technical capabilities and limitations
- principles and techniques for using confined space and industry terminology
- techniques for co-ordinating and communicating job activities with others.

Entry Requirements

The person entering this course must be an existing worker in Construction, Industrial, Building, Mining or Local Councils and has completed enterprise and on-site workplace health and safety induction training.

Pre-requisites

The unit of competency has no pre-requisites units.

Licensing requirements

There are no specified licensing requirements to undertake this unit.

Unit 2 Information

The second unit of competency being assessed is **MSMWHS217 Gas test atmospheres**. This competency is drawn from the Manufacturing training package **MSM**.

The unit can be accessed at training.gov.au at the following link:

<http://training.gov.au/Training/Details/MSMWHS217>

The unit of competency is task orientated and the performance criteria expresses in detail the standard of performance and the sequence these tasks are usually performed. The **MSM** Training Package identifies the unit of competency as the benchmark for assessment.

This unit involves:

1. Prepare for gas testing.
2. Test gas.
3. Maintain equipment.

Rev Date: March 2023	Doc ID: 06. RIIWHS202E Student Pack V13	Version #: 13	Approved By: D. Palazzi	Date Approved: 22/03/2023	Page 3 of 22
Doc Location: Dropbox\SITETRAIN (1)\Resources\RII30415 Certificate III Resource Processing\Group C\RIIWHS202E Enter and work in confined spaces + MSMWHS217\Assessment Documentation\					

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and must include the ability to:

- recognise and assess conditions that require testing.
- identify the appropriate action according to procedures and within scope of responsibility, including:
- selecting, preparing, and using gas testing equipment.
- applying testing regime.
- selecting and using personal protective equipment (PPE).
- identifying hazards and applying control measures.
- cleaning and maintaining equipment.
- take readings and interpret, report/record relevant data.
- apply known solutions to routine problems; and
- communicate clearly and unambiguously with a range of personnel on safety conditions and procedures.

Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- organisational procedures, including:
- work permit systems
- safety, hazards, and hazard control
- incident, fire, and accident
- PPE.
- organisation standard operating procedures (SOPs).
- common atmospheric hazards and contaminants.
- explosive range, upper and lower explosive limits.
- exposure standards (time-weighted average, short-term exposure limits, peak limitation values, and examination of toxic effect at the level of a range of flammable gases).
- conditions under which atmospheres become hazardous; and
- units of measurement used to express concentration of atmospheric contaminants (mg/cubic m. ppm, % v/v).

Entry Requirements

The person entering this course must be an existing worker in Construction, Industrial, Building, Mining or Local Councils and has completed enterprise and on-site workplace health and safety induction training.

Pre-requisites

The unit of competency has no pre-requisite units.

Licensing Requirements

There are no specified licensing requirements to undertake this unit.

Rev Date: March 2023	Doc ID: 06. RIIWHS202E Student Pack V13	Version #: 13	Approved By: D. Palazzi	Date Approved: 22/03/2023	Page 4 of 22
Doc Location: Dropbox\SITETRAIN (1)\Resources\RII30415 Certificate III Resource Processing\Group C\RIIWHS202E Enter and work in confined spaces + MSMWHS217\Assessment Documentation\					

Unit 3 Information

The third unit of competency being assessed is **MSMWHS201 Conduct hazard analysis**. This competency is from the Resource and Infrastructure Industry training package **RII**.

The unit can be accessed at training.gov.au at the following link:

<http://training.gov.au/Training/Details/MSMWHS201>

The unit of competency is task orientated and the performance criteria expresses in detail the standard of performance and the sequence these tasks are usually performed. The **RII** Training Package identifies the unit of competency as the benchmark for assessment.

This unit involves:

1. Define the context for the hazard analysis.
2. Identify hazards.
3. Assess risks.
4. Control risks
5. Monitor and review risk controls.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria and demonstrate the ability to:

- complete a hazard analysis.
- specify risk controls to bring risks to ALARP.
- identify relevant personnel.
- complete appropriate hazard analysis forms (paper or electronic)
- monitor and review effectiveness of risk controls.

Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- the significance of the analysis context
- how the identified hazards may cause harm.
- purpose and use of the risk matrix.
- monitoring and review of risk controls.

Entry Requirements

The person entering this course must be an existing worker in Construction, Industrial, Building, Mining or Local Councils and has completed enterprise and on-site workplace health and safety induction training.

Pre-requisites

The unit of competency has no pre-requisite units.

Licensing Requirements

There are no specified licensing requirements to undertake this unit.

Rev Date: March 2023	Doc ID: 06. RIIWHS202E Student Pack V13	Version #: 13	Approved By: D. Palazzi	Date Approved: 22/03/2023	Page 5 of 22
Doc Location: Dropbox\SITETRAIN (1)\Resources\RII30415 Certificate III Resource Processing\Group C\RIIWHS202E Enter and work in confined spaces + MSMWHS217\Assessment Documentation\					

Clustering of Units

The three (3) units detailed above have many similar criteria that students will be trained to understand, perform, and be assessed on. These units have been clustered together for training efficiency and effectiveness when compared to training these units separately which would entail a significant volume of repetition and are consummate with the processes industry use for Confined space entry permits.

Assessment Overview

The unit of competency will be assessed using assessment methods including a knowledge assessment and 4 x Performance assessments. This allows for the discrete assessment of specific knowledge and the assessment of knowledge integrated with skills during practical tasks.

There are five assessment activities for the assessment of these three (3) units. These are:

Number	Method	Description
RIIWHS202E, MSMWHS217 & MSMWHS201 Theory Assessment 1	Knowledge Assessment 40 minutes	The student must provide a written or verbal response to short answer/ multiple choice questions which address the knowledge requirement of the unit. The student must answer all questions correctly. The assessment is supervised in a classroom setting.
RIIWHS202E, MSMWHS217 & MSMWHS201 Document preparation	Performance assessment 1 30 Minutes	Complete workplace documentation (JHA, JSA, Confined space entry permits, personal danger tags) in preparation for confined space entry for the performance assessments 3 and 4. Group Activity (No more than 5 per group)
RIIWHS202E, MSMWHS217 & MSMWHS201 Performance Assessment	Performance Assessment 2 3 minutes	1. Prepare gas detector required for performance assessments 3 and 4. Individual Activity
RIIWHS202E, MSMWHS217 & MSMWHS201 Performance Assessment	Performance Assessment 3 25 minutes	2. Enter confined space and install a hose for cleaning. Paired Activity
RIIWHS202E, MSMWHS217 & MSMWHS201 Performance Assessment	Performance Assessment 4 15 Minutes	3. Enter confined space, remove hose, conduct inspection, exit, and return space ready for service. Paired Activity

Please note: An assessment of (Not Yet Satisfactory) for any performance/knowledge criteria will prevent a verdict of **competent** for this unit until the student can demonstrate competence in assessment activities. All final assessment results are to be recorded in the Assessor Performance Assessment and Results Document.

Reasonable Adjustment

Students may provide verbal responses to questions as a method of reasonable adjustment where this is required according to the student’s needs. It should be noted however that where calculations are required in the written response; the student must record these.

Where students have provided verbal responses to clarify their written answers, the student must write that answer down and place an **initial** next to it. This indicates that reasonable adjustment has occurred for a question and is valuable data that can help Sitetrain improve its assessment tools and course delivery. It is also not essential that the written responses provided by the student include correct spelling or grammar. The assessments seek to assess the student’s knowledge of entering and working in confined spaces.

The student’s ability to apply literacy skills is not being assessed. This requirement is consistent with how these tasks are performed in the workplace which do not usually involve higher writing skills.

Flexibility is encouraged, ensuring that candidates get the opportunity to demonstrate their ability to meet the competency.

Flexibility

What happens if I am assessed as NYC (Not Yet Competent) for any criteria (parts) of the assessments?

Your Assessor will strive to provide you with as much time as possible for you to demonstrate the required skills and knowledge during an assessment.

Your Assessor will provide you with feedback on your overall performance and provide constructive details on the elements where a NYC decision has been made.

If more time is required outside of the allotted time either for re-assessment due to NYC decisions or due to you being unable to complete the course for other reasons, your Assessor will discuss re-assessment strategies with you that are suitable to your needs, your workplace needs and consider factors such as workplace location and availability of resources.

You will be given up to three opportunities to undertake the assessment before extraordinary arrangements are required. It is the intent of the Sitetrain to provide additional training and assessment in order to allow for differences in learning requirements. Additional assessment arrangements can be made for any student in consultation with the CEO, Damien Palazzi by email damien@sitetrain.com.au or 0428 540 681.

Rev Date: March 2023	Doc ID: 06. RIIWHS202E Student Pack V13	Version #: 13	Approved By: D. Palazzi	Date Approved: 22/03/2023	Page 7 of 22
Doc Location: Dropbox\SITETRAIN (1)\Resources\RII30415 Certificate III Resource Processing\Group C\RIIWHS202E Enter and work in confined spaces + MSMWHS217\Assessment Documentation\					

Benchmarks for Assessments

In accordance with the appropriate training packages, the endorsed units of competency are the benchmarks for assessment. The unit of competency being assessed has been unpacked to identify the required knowledge and skills to be demonstrated by the student.

Assessment must also take into consideration the specific Standard Operating Procedures or Guidelines relating to Enter and work in confined spaces/Gas test atmospheres. Each workplace may also have its own specific requirements which must also be considered. In planning the assessment, training staff must liaise with the workplace supervisor to determine any specific requirements.

To support reliability in the assessment, model answers have been developed where possible. Where assessment is performance based Observational Performance, guidelines have been developed for the Trainer to ensure reliability.

Theory Assessment

To support reliability in the theory assessment, model answers have been produced.

Performance Assessment 1 – Workplace Documentation- 30 minutes (Group Activity)

Model JHA has been provided as a guide for the Trainer when marking JHA which student completes. Detailed description of what information is to be included has been provided.

Model confined space permit with detailed description of what must be included has been provided. Please note gas results recorded are a sample only and students will be required to record their own results when completing Assessment 3.

Model danger tag has been provided to ensure the Trainer is aware of what a complete danger tag includes.

These documents will be supplied.

Performance Assessment 2 – Prepare gas detector for use - 3 Minutes (Individual)

Observational Performance guidelines have also been provided to ensure the Trainer is aware of expected performance.

Performance Assessment 3 – Enter confined space – 25 Minutes (Complete in Pairs)

Observational Performance guidelines have also been provided to ensure the Trainer is aware of expected performance.

Rev Date: March 2023	Doc ID: 06. RIIWHS202E Student Pack V13	Version #: 13	Approved By: D. Palazzi	Date Approved: 22/03/2023	Page 8 of 22
Doc Location: Dropbox\SITETRAIN (1)\Resources\RII30415 Certificate III Resource Processing\Group C\RIIWHS202E Enter and work in confined spaces + MSMWHS217\Assessment Documentation\					

Performance Assessment 4 - Enter Confined Space, Exit Confined Space - 15 Minutes (Complete in Pairs)

Observational Performance guidelines have also been provided to ensure trainer is aware of expected performance.

Student Handbook

You can find the following information in the Student Handbook. This is available from your Trainer, by contacting Sitetrain directly or by downloading a copy from our website. www.sitetrain.com.au.

The following is not an exclusive list please see handbook for detailed list of content.

- USI details
- Your Privacy
- Fees Payable
- Refunds
- Access to Records
- Continuous improvement
- Language, Literacy & Numeracy Skills
- Making complaints & appeals
- RPL
- Assessment
- Re-Assessment
- Issue Statement of Attainments
- Student Instructions-Knowledge Assessment

Student Instructions - Theory Assessments

The Assessment Task

This task requires the student to complete a written or verbal response knowledge assessment involving multiple choice.

The questions within this assessment relate directly to the integrated knowledge contained within the units of competency and are fundamental to the student's ability to perform workplace tasks correctly.

The assessment is conducted over a forty-minute period in a classroom setting directly supervised by the Assessor. The student must answer all questions correctly to satisfactorily complete this assessment.

What's Expected

Students are expected to achieve 100% on knowledge assessment. Adjustments are allowed after discussion with your trainer/ Assessor.

Limitations

The following limitations apply:

- You will have 40 minutes to complete the assessment.
- The assessment is to be completed without access to references.
- Your responses are to be recorded in writing or may be provided verbally (MP3 recorded format).
- Your Assessor will be present for duration of the theory assessment and is available should you have any questions.
- Please refrain from discussing answers with other students during assessment.

Student Instructions - Performance Assessments

Clustered Units - Performance Assessments

These Performance Assessments requires you to demonstrate your skills and knowledge when Entering and Working in Confined Spaces and Gas Testing Atmospheres with potentially hazardous atmospheres including, hazard identification and prevention, pre- and post-safety inspection of all safety equipment and structures, preparing documents for control of entry and calibration and use of electronic gas detectors.

Context of Assessment

The assessments are conducted in an actual or simulated area that requires the atmosphere to be tested prior to personnel entering the area.

The assessments are directly supervised by your Assessor.

Performance Assessment 1 - 30 Minutes *(Group activity to meet workplace expectations)*

Complete workplace documentation (JHA, JSA, Confined space entry permits, personal danger tags).

Performance Assessment 2 - 5 Minutes – Individual

Select and prepare a Gas Monitor for use during Performance assessment 3 and 4.

Performance Assessment 3 - 25 Minutes - *(Complete in Pairs)*

Enter confined space and install a hose for cleaning.

You must prepare the all the required equipment and associated Confined Space Documentation for the safe and efficient entry to the space.

Consider the following attributes for safe work in the confined spaces: isolation, type of gas detection equipment required, calibration and bump testing requirements of electronic detectors, testing regime based on task and previous contents of the vessel being entered, rescue plan.

You must identify and prepare all required documentation to ensure the safe and efficient entry, work and exit of the confined space. Students will be assessed on their identification of these requirements along with their completion.

Performance Assessment 4 - 15 Minutes - *(Complete in Pairs)*

Enter confined space, remove hose, conduct inspection, exit, and return space ready for service.

You must prepare the all the required equipment and associated Confined Space Documentation for the safe and efficient entry to the space.

Consider the following attributes for safe work in the confined spaces: isolation, type of gas detection equipment required, calibration and bump testing requirements of electronic detectors, testing regime based on task and previous contents of the vessel being entered, rescue plan.

You must identify and prepare all required documentation to ensure the safe and efficient entry, work and exit of the confined space. Students will be assessed on their identification of these requirements along with their completion.

Student Instructions

Rev Date: March 2023	Doc ID: 06. RIIWHS202E Student Pack V13	Version #: 13	Approved By: D. Palazzi	Date Approved: 22/03/2023	Page 11 of 22
Doc Location: Dropbox\SITETRAIN (1)\Resources\RII30415 Certificate III Resource Processing\Group C\RIIWHS202E Enter and work in confined spaces + MSMWHS217\Assessment Documentation\					

Performance Assessment 1

The Assessment Task

This task requires you to demonstrate your skills and knowledge in preparation of all workplace documentation for when workers have to test a potentially hazardous atmosphere prior to personnel entering the area for work.

This will include identifying hazards, preparing documents for control of entry and pre-and post-safety inspection of all safety equipment and structures.

This assessment is to be conducted as a group. Preparation of documentation for gas testing and confined space work is conducted in the workplace by a group therefore to ensure assessment is realistic this must be conducted as a group. Your Trainer will put you in appropriate groups.

Context of Assessment

The assessment is conducted in an actual or simulated area that requires the atmosphere to be tested prior to personnel entering the area.

Workplace Documentation Groups (min 2, max 5 per group)

The assessment is directly supervised by your Assessor and conducted over a 30-minute period.

What's Expected

You are expected to use workplace or supplied JHA/JSA/JSEA documentation to identify the hazards associated with the task being performed. As per industry expectations the development of the risk assessment documentation will be completed within a group (not more than 6 in a group). The risk assessment should identify the hazards associated with atmospheric conditions and the controls used to mitigate those hazards.

- Complete JHA for the tasks to be conducted during practical assessments 3- 4.
- Complete CSE Permit in preparation for practical assessment tasks 3 – 4.
- Complete Isolation “Danger Tag.”
- Locate and complete any other documentation that may be required to enter the confined space at your workplace.

Students will be assessed on their identification of these requirements along with their completion. It is expected workplace documentation will be used where possible. To suit actual workplace procedures the class will be divided into 2 groups depending on size. This reflects the actual approach of workplaces that the more people involved in a JHA the better the outcomes of the document.

JHA, Permit & Danger Tag will be provided by your Trainer.

Limitations

The following limitations apply:

- The student will have 30 minutes to complete the assessment.
 - The assessment is to be completed without access to references.
 - Student's responses are to be recorded in writing or may be provided verbally (MP3 recorded format)
- Your Assessor will be present for duration of the assessment and is available should you have any questions.

Student Instructions

Rev Date: March 2023	Doc ID: 06. RIIWHS202E Student Pack V13	Version #: 13	Approved By: D. Palazzi	Date Approved: 22/03/2023	Page 12 of 22
Doc Location: Dropbox\SITETRAIN (1)\Resources\RII30415 Certificate III Resource Processing\Group C\RIIWHS202E Enter and work in confined spaces + MSMWHS217\Assessment Documentation\					

Performance Assessment 2

The Assessment Task

This task requires you to demonstrate your skills and knowledge in the selecting, zeroing, and preparing the gas monitor in their workplace or the units supplied by Sitetrain in readiness for use in Performance assessment 3/4.

Context of Assessment

The assessment is conducted in an actual or simulated area that requires the atmosphere to be tested prior to personnel entering the area.

Gas Monitor BUMP TEST (5 Minutes) Individually

What's Expected

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria and must include the ability to:

- Selecting the appropriate gas testing machine.
- Start the machine (knowledge of start buttons).
- Zero machine (if not done during the start-up of the gas monitor).
- Check TWS alarm levels High/Low
- Check STEL alarm levels High/Low
- Instruct the student to complete a fresh air calibration (if required by manufacturer).
- Respond to any alarms on the machine.
- Ensure all installed monitors are identified by their chemical names.
- Confirm monitor is ready for use and will perform checks required for the space to be entered.

Limitations

The following limitations apply:

- The student will have 5 minutes to complete the assessment.

Your Assessor will be present for duration of the assessment and is available should you have any questions.

Rev Date: March 2023	Doc ID: 06. RIIWHS202E Student Pack V13	Version #: 13	Approved By: D. Palazzi	Date Approved: 22/03/2023	Page 13 of 22
Doc Location: Dropbox\SITETRAIN (1)\Resources\RII30415 Certificate III Resource Processing\Group C\RIIWHS202E Enter and work in confined spaces + MSMWHS217\Assessment Documentation\					

Student Instructions

Performance Assessments 3 and 4

The Assessment Task

This task requires you to demonstrate your skills and knowledge when workers must enter and work in confined spaces including hazard identification, documents relating to safe entry and exit, pre- and post-safety inspection of all safety equipment and structures and gas testing/monitoring of the atmosphere. The assessment is conducted in a designated area which simulates a realistic workplace.

Both assessments are directly supervised by your Assessor and conducted over a 40-minute period.

Use what you have learned together with the documentation you have prepared to do the following.
Scenario 1, 1st entry, (25 minutes)

- All energy sources associated with the confined space have been isolated. Apply your personal danger tag.
- Prepare the equipment required for the job and the emergency rescue equipment as per your JSA and permit.
- Conduct gas testing as per the required sampling regime as determined by your permit and assessment of the space.
- Prepare the space and documentation for entry.
- Enter space and set up a mining hose ready for cleaning the internals of the confined space.
- Exit, close, and secure the space for temporary closure.
- Remove any materials and dispose of accordingly for equipment and materials that can be removed at this point.

Scenario 2, 2nd entry, (15 minutes)

- The confined space has been closed for 2 ½ hours.
- Conduct gas testing as per the required sampling regime as determined by your permit and assessment of the space.
- Prepare the space and documentation for entry.
- Enter space and remove mining hose and inspect the internals of the confined space.
- Exit, close, and secure the space ready for return to service.
- Remove, clean, and pack away all equipment and dispose of materials accordingly.

Students must identify and prepare all required documentation to ensure the safe and efficient entry, work and exit of the confined space. Students will be assessed on their identification of these requirements along with their completion. It is expected workplace documentation will be used where possible.

What’s Expected

You are expected to demonstrate the application of the steps involved in entering and working in a confined space on two occasions. A simulated confined space is to be used combined with a person to act as a stand-by to allow for signing in and signing out on the permit.

Rev Date: March 2023	Doc ID: 06. RIIWHS202E Student Pack V13	Version #: 13	Approved By: D. Palazzi	Date Approved: 22/03/2023	Page 14 of 22
Doc Location: Dropbox\SITETRAIN (1)\Resources\RII30415 Certificate III Resource Processing\Group C\RIIWHS202E Enter and work in confined spaces + MSMWHS217\Assessment Documentation\					

You must be observed performing the following:

1. Plan and Prepare for Working in Confined Space

Produce a Sitetrain or site specific JHA/JSA for the simulated work associated with the confined space entry.

Complete the Sitetrain or site-specific confined space entry permit according to the hazards and risks identified on the risk assessment.

Confirm the stand-by person understands what to do in the event of an emergency, (call 000 or site emergency number and give location, what the incident involves, number of casualties and possible condition).

You must erect barriers and signage around the confined space to stop unauthorised entry to space, select the tools required for the task in the confined space and position the rescue equipment outside the confined space with standby person.

2. Work in Confined Space

You must apply your personal Lock and Tag on the lockout box, gas test the atmosphere for hazards identified on the risk assessment and record results on the entry permit.

You must implement all controls as determined by your JSA/JHA, the permit and site stipulated requirements.

You must enter the confined space and maintain communication with the stand-by at entry point, complete the simulated task which complies with the confined space entry permit and exits the confined space if directed by the stand-by.

3. Exit Confined Space

Once the task is completed you must exit the confined space, account for any equipment taken into the confined space, sign out on the permit as directed by the stand-by, remove your personal Lock and Tag from lockout box and complete the confined space permit.

4. Clean Up

You must then remove barriers and signage and dispose of any materials in the identified waste bins.

Following the completion of Practical Assessment 3 you must then complete Practical Assessment 4 referring to the previous risk assessment, a previously used CSE permit may be used if it is relevant and still valid. This needs to be determined by the student.

5. Limitations

The following limitations apply:

- The student will have 40 minutes to complete both Assessment 3 and Assessment 4.

Your Assessor will be present for duration of the assessment and is available should you have any questions.

Rev Date: March 2023	Doc ID: 06. RIIWHS202E Student Pack V13	Version #: 13	Approved By: D. Palazzi	Date Approved: 22/03/2023	Page 15 of 22
Doc Location: Dropbox\SITETRAIN (1)\Resources\RII30415 Certificate III Resource Processing\Group C\RIIWHS202E Enter and work in confined spaces + MSMWHS217\Assessment Documentation\					

Written Assessment – ANSWER on ANSWER SHEET

The student must answer all questions correctly to complete this assessment with the satisfactory result.

1. What is the definition of a confined space according to the Australian Standard?

An _____ or partially enclosed space that is not intended or _____ primarily for human occupancy, within which there is a _____ of one or more of the following:

- a) An _____ concentration outside the safe range.
- b) A concentration of _____ that may cause impairment, loss of consciousness or asphyxiation.
- c) A concentration of an _____ airborne contaminant that may cause injury from fire or explosion.
- d) _____ in a stored free-flowing solid or a rising level of liquid that may cause suffocation or drowning.

Australian and New Zealand Standards – Safe Work in a confined Space AS 2865 2009

2. Select the best answer to finish this sentence "The PCBU at a workplace must.....?"

- a) manage risks to health and safety associated with a hazardous atmosphere at the workplace, in accordance with Part 3.1.
- b) Ensure gas detection equipment is on ORDER.
- c) It is up to employees to manage hazardous atmospheres.
- d) All the above

3. Identify the relevant Legislation and documentation required to develop company policies and procedures?

- a) Miners right
- b) Acts, Regulations, Codes of practice, AS/NZS 2865 Confined spaces
- c) OSHA Policies and procedures in America
- d) Working at heights Australian Standard ONLY

4. A Supervisor can help with coordination of tasks among other things?

YES

NO

5. Select the best answer to finish this sentence "A risk assessment must be completed for Confined spaces by a?"

- a) need to enter the confined space? Can the job or part of the job be done outside?
- b) limiting exposure by reducing the number of people who go in?
- c) identification of all the hazards associated with the space and put in place controls to manage those hazards?
- d) Competent person or persons BEFORE conducting any tasks associated with the space.

Rev Date: March 2023	Doc ID: 06. RIIWHS202E Student Pack V13	Version #: 13	Approved By: D. Palazzi	Date Approved: 22/03/2023	Page 16 of 22
Doc Location: Dropbox\SITETRAIN (1)\Resources\RII30415 Certificate III Resource Processing\Group C\RIIWHS202E Enter and work in confined spaces + MSMWHS217\Assessment Documentation\					

6. Risk =?

- a) Confined Space Entry Permit.
- b) Hazard vs Likelihood vs Consequence
- c) What people perceive to be risk?
- d) Safety Data Sheets and other documents referenced for controls.

7. Select the best answer to finish this sentence "Written Authority is a....."?

- a) It's not required – I can pump it straight to tails without asking, no one has ever said anything against it before.
- b) None of the computers are working, my hands are tied, into the process water it goes!
- c) A document that gives permission for entry into a confined space and the conducting of tasks associated with the confined space.
- d) The acid storage tank is nearly empty and is close by; we can pump it in there using some mining hose.

8. A Hazard is something with the potential to cause?

- a) You harm physically or mentally.
- b) Damage or destroy machinery and plant.
- c) Impact adversely on the environment
- d) All the above

9. The Risk Matrix is used for?

- a) Determining the Likelihood and consequence of an identified hazard
- b) Making our job harder and slowing it down
- c) Using it for shutdown documentation
- d) All the above

10. What are the major risks in a confined space? *(Select all appropriate answers)*

- a) Oxygen outside the Safe Range
- b) Atmospheric Contaminates
- c) Explosives Atmospheres
- d) Chance of engulfment

11. Are risk assessments required to obtain a Written Authority?

YES

NO

12. The written authority should follow the logical steps of the task starting with.

- a) The location of the task
- b) The task itself
- c) Control measures including barricading and signage.
- d) All the above

13. What other documentation may be required to gain a Written Authority?

- a) Work procedures
- b) Safety Data sheets
- c) Rescue Plans
- d) All the above

14. PPE for any Confined space is determined by what?

- a) The number of persons in the space
- b) The HR Manager
- c) The Supervisor from Night shift
- d) The risk assessment

15. The purpose of a Confined space rescue harness is.

- a) Aid in the rescue of personnel within a space during an emergency
- b) Make the job harder
- c) Used as a fall arrest harness
- d) Used during a Free fall arrangement

16. What must emergency response personnel be made aware of prior to entry?

- a) Conditions and the number of persons in the space
- b) Names of entrant's partners
- c) The emergency number for site
- d) Who made the emergency call and their address

17. What is the Safe Range of Oxygen as per the AS/NZS 2865:2009 Australian Standard?

- a) 17.8% -25.8%
- b) 19.5% – 23.5%
- c) 20.9% - 21%
- d) There is no safe range of oxygen

18. What is the risk if the Oxygen content is above the Safe Range of 23.5%?

- a) The job will not get completed as required
- b) There is no risk, makes us work better
- c) Increased chance of fire
- d) Makes it harder to light an oxy torch for hot works

19. What does the acronym PPM stand for?

- a) Parts Per Machine
- b) Parts Per Million
- c) Parts Per Milkman
- d) Parts Per Month

20. From the list select 2 common atmospheric contaminants.

- a) Carbon Dioxide (CO₂)
- b) Water (H₂O)
- c) Sulphur Dioxide (SO₂)
- d) Hydrogen (H)

21. What is the significance of Sg in relation to gases?

- a) Gases have different densities and are either heavier or lighter than the atmosphere.
- b) Gases can be called Sg or gases.
- c) Some gases don't like Sg.
- d) None of the above

22. What does the acronym SDS stand for?

- a) None of the below
- b) Safety Distance Stance
- c) Safety Data Sheet
- d) Safety Driver Six

23. What are three exposure routes of atmospheric contaminants?

- a) Inhalation
- b) Ingestion
- c) Absorption
- d) All the above

24. What does T.W.A. stand for and what is its definition?

- a) Try **W**aiting **A** while; until you can no longer detect any undesirable gases in the confined space, exposure should be OK for up to 8 hours after that.
- b) Time **W**inded **A**ggregate: the average time it takes for a gas to disperse depending on the strength of the wind until exposure is allowed.
- c) Time **W**eighted **A**xion: The average airborne concentration of a particular substance that should not cause harm to the average person if exposure is calculated over a 6-hour day, 52-hour week.
- d) Time **W**eighted **A**verage: The average airborne concentration of a particular substance that should not cause harm to the average person if exposure is calculated over an **8**-hour day, **5**-day week. The exposure concentration level is reduced if a person works **12**-hour days.

25. STEL stands for.

- a) Short term Expired Limit
- b) Short term Exposure Levee
- c) Short Term Exposure Limit
- d) None of the above

26. PEAK limitation means?

- a) Highest levels of a chemical you can be exposed to at any time, which does not exceed 15 minutes E.g., HCN 10ppm.
- b) The highest part of a mountain
- c) The highest chemical composition you can have in a confined space.
- d) The highest revs on a motorbike

27. Select the terms which are the expanding explanations of the following acronyms:

(LEL), (ER) and (UEL).

- a) Lower Explosive Level
- b) Upper Explosive Level
- c) Explosive Limitations
- d) Explosive Range

28. At what % of the LEL is a confined space considered unsafe for entry?

- a) 5%
- b) 55%
- c) 20%
- d) 40%

29. Identify 2 DISADVANTAGES of a Gas detector Tube.

- a) Single gas detection
- b) Has an Audible alarm to identify faults?
- c) NO Audible Alarm
- d) Makes a great door stop.

30. Identify 2 ADVANTAGES of an Electronic Gas detector.

- a) Requires calibration.
- b) Can do continuous monitoring.
- c) Multiple gases, sensors are interchangeable.
- d) Batteries require recharging.

31. What two checks must occur before using an electronic gas detector for the first time each day?

- a) Fresh air calibration
- b) 12 month manufactures check.
- c) bump test
- d) All the above.

32. Where do the Atmospheric Monitoring results go?

- a) Must remember them for later.
- b) Tell your supervisor.
- c) Record on the Atmospheric Testing area on the written authority
- d) Is electronically recorded by the monitor immediately at all times.

33. What is one aspect of an electronic monitor that will make it shut down without you selecting it to turn it off?

- a) Low Battery
- b) Fully charged battery.
- c) Voice activation of unit
- d) None of the above

34. What are some limitations of breathing apparatus (Self-contained and filtered air respirators)?

- a) Failure to maintain a seal on your face.
- b) Run out of air.
- c) Equipment malfunction
- d) All the above

35. What are 2 pieces of equipment required for ISOLATION of equipment or devices in the field?

- a) Personal Danger Lock
- b) Car keys
- c) Personal DANGER tag
- d) Hard hat and Safety glasses

36. What must be located within the proximity of a confined space while working is being conducted?

- a) Sentry or stand by person.
- b) Workshop vehicle
- c) Stereo
- d) Water bottle

37. What must be done if there is an identified failure of a control used for Confined space entry?

- a) All worked stopped.
- b) Personnel removed from the space.
- c) Review of the JHA/JSA
- d) All the above

38. What must happen to the Written Authority to complete the work task?

- a) Sign off the written authority.
- b) Placed in the bin after work.
- c) Taken home for your personal records.
- d) Nothing is required to complete the task.

39. If an incident has happened in a Confined space what document must be completed?

- a) Risk assessment documentation
- b) Company Incident/ Accident report
- c) Confined space gas testing schedule
- d) All the above

▪

Rev Date: March 2023	Doc ID: 06. RIIWHS202E Student Pack V13	Version #: 13	Approved By: D. Palazzi	Date Approved: 22/03/2023	Page 22 of 22
Doc Location: Dropbox\SITETRAIN (1)\Resources\RII30415 Certificate III Resource Processing\Group C\RIIWHS202E Enter and work in confined spaces + MSMWHS217\Assessment Documentation\					