



Australian Government

Department of Education, Employment and Workplace Relations

PUADEF0H015B Control entry to confined spaces

Revision Number: 1

PUADEF0H015B Control entry to confined spaces

Modification History

Not applicable.

Unit Descriptor

Unit Descriptor

This unit covers of the competency required to control entry and egress to ***confined spaces***.

While exercising the control of entry to confined space may not require the competency to enter confined space, it requires awareness of the legislative requirements and organisational procedures related to confined space entry.

Application of the Unit

Application of the Unit

The application of this unit in the workplace - the environments, complexities and situations involved - will be written during Phase II of the Review of the PUA00 Public Safety Training Package.

This text will be useful for the purposes of job descriptions, recruitment advice or job analysis; where possible, it will not be too job specific to allow other industries to import it into other Training Packages, where feasible.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisite Unit/s Nil

Employability Skills Information

Employability Skills This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a Unit of Competency.

Performance Criteria describe the required performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the Required Skills and Knowledge and/or the Range Statement. Assessment of performance is to be consistent with the Evidence Guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Plan and prepare for control of confined space entry	1.1 Requirement for confined space entry is identified from work requests/instructions and is confirmed 1.2 Confined space entry permit and any limitations are identified in accordance with organisational procedures 1.3 Organisational policy and procedures are reviewed to identify restrictions or requirements pertinent to this confined space entry 1.4 Team and individual roles and responsibilities within the team are confirmed in accordance with organisational procedures 1.5 Occupational health and safety (OH&S) requirements including those contained in organisational procedures, are applied throughout control of the operation
2. Control access and egress to confined space	2.1 Entry and egress of the confined space is monitored and recorded in accordance with work permit conditions and organisational procedures 2.2 Communication and consultation with the confined space entry team is maintained in accordance with work permit conditions and organisational procedures 2.3 Documentation and reports are completed in accordance with organisational procedures

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This describes the essential skills and knowledge and their level, required for this unit.

Required Skills

- access, read, interpret and apply information on confined spaces
- analyse relevant workplace data i.e. incident and environmental monitoring, to identify hazards, assess risks and evaluate effectiveness of OH&S control measures
- analyse working environment to identify hazards, assess risks and design and implement appropriate OH&S control measures
- assess the resources needed to establish and maintain systematic approaches to managing OH&S including a range of control measures
- communicate effectively
- operate any equipment pertinent to the control of confined space entry

Required Knowledge

- appropriate emergency response procedures
- appropriate signage, symbols, labels and barriers
- entry permit procedures
- incident and accident investigation including OH&S record keeping
- legislation, organisational policies and procedures relevant to confined spaces
- location of applicable organisational procedures and documents
- participation and consultation on OH&S
- risk management principles and application of appropriate measures including hierarchy of control
- role of technical information and experts in designing control measures, and monitoring systems
- training and competency requirements for confined space entry

Evidence Guide

EVIDENCE GUIDE

EVIDENCE GUIDE

Critical aspects for assessment and evidence required to demonstrate competency in this unit

Assessment must confirm the ability to observe and respond to changing circumstances and unusual situations in the workplace; to review relevant workplace documentation; to conduct a quality assurance check against previous recommendations; to identify changes in workplace configurations; and to manage a range of emergencies and events.

Consistency in performance

Competency should be demonstrated over a range of confined space entry tests that could be expected in the workplace.

Context of and specific resources for assessment

Context of assessment

Competency should be assessed in the workplace or in a simulated workplace environment.

Specific resources for assessment

Access to the organisational legislation, codes of practice, guidance material, policies, procedures, relevant equipment (including PPE) required to support the control of a confined space entry, and work areas in the area of responsibility.

Guidance information for assessment

Information that will assist or guide assessment will be written during Phase II of the Review of the PUA00 Public Safety Training Package.

Range Statement

RANGE STATEMENT

The Range Statement relates to the Unit of Competency as a whole. It allows for different work environments and situations that may affect performance. ***Bold italicised*** wording in the Performance Criteria is detailed below.

Confined spaces may include

Any compartment or area with limited opening for access and no escape route, and with limited natural ventilation or an atmosphere containing more than 23.5% or less than 19.5% oxygen, and the capability of accumulating a toxic, flammable or explosive atmosphere, or of being flooded

Examples of confined spaces may include:

- fuel tanks (diesoline, gasoline, kerosene, AVCAT) or any other liquid or gaseous fuel
- water tanks (feed, fresh, ballast), void spaces, cofferdams, double bottoms/wing compartments, sewage
- treatment tanks (combined holding tank system)
- oil tanks (sludge oil, lubricating, hydraulic), cable lockers (anchor cable stowage)
- open-topped spaces such as pits or degreasers, pipes, sewers, shafts, ducts and similar structures
- boiler drums, steam turbine casing, main condensers, gas turbine rotor casing, piston engine enclosed
- crankcase, main circulating water inlet and discharge pipes, pressure vessels

Entry permit may include

Any and all information under legislation or organisational requirements

Limitations on entry permits may include

Emergency situation requirements

Equipment and/or clothing and personal protective equipment (PPE) requirements

Medical constraints on personnel entering

Minimum/maximum numbers in teams entering confined space

Monitoring/testing requirements

Reporting/documentation requirement

Time limitations for working within the confined space or before returning to the confined space

RANGE STATEMENT

Organisational policy and procedures may include

Any established contingency plan or any plan formed specifically to counter ill effects of any likely occurrence

Australian or international standards

Documentation

Equipment manufacturers' specifications

Exposure standards

Job Safety Analysis (JSA)

Legislation, including state/territory/commonwealth OH&S acts, regulations, codes of practice and guidance material relating to hazards in the workplace and industry, and associated with entry to confined space including legislation specific to confined space work

Lockout and isolation procedures

Material Safety Data Sheets (MSDS)

Organisational policies and procedures

Risk assessments

Standing Operating Procedures (SOPs)

task analysis

Occupational health and safety requirements may include

General duty of care under OH&S legislation and common law

Provisions relating to health and safety representatives and/or OH&S committees

Provisions relating to OH&S issue resolution

Requirements for records of occupational injury and disease

Requirements for provision of OH&S information and training

State/territory/commonwealth OH&S acts, regulations, codes of practice and guidance material relating to hazards present in the workplace and the industry

Monitoring entry and egress of the confined space may include

Contacting participants in the confined space and/or the supervisor outside if test level exceeds pre-defined limits or equipment malfunctions

Maintaining testing regime for confined space, be it continuous or periodic, in accordance with entry plan

RANGE STATEMENT**Communication and consultation may include**

and work permit

Continuous or periodic verbal and/or visual and/or electronic communication in accordance with work permit/entry plan

Continuous or regular communication with participants in confined space and/or standby personnel outside

Documentation and reports may include

Entry/egress reports/logs

Reports to OH&S officer

Reports to tasking officer

Work permit completion after exit

Written reports required by organisation

Unit Sector(s)

Not applicable.

Corequisite Unit/s**Co-requisite Unit/s**

Nil