



Australian Government

Department of Education, Employment and Workplace Relations

CPPWMT3025A Monitor contained waste

Release: 1

CPPWMT3025A Monitor contained waste

Modification History

Revised unit

Unit updated and equivalent to PRMWM25B Monitor contained waste

Unit Descriptor

This unit of competency specifies the outcomes required to monitor waste containment and storage. Waste types will generally be regulated (prescribed) solid and liquid wastes. The unit requires the ability to monitor activity according to schedule and apply safe work practices.

Application of the Unit

This unit of competency supports individuals with responsibilities for conducting waste management activity. It includes contributing to the implementation of developed operational procedures, as well as recognising the need for expert advice.

Licensing/Regulatory Information

No licensing, legislative, regulatory or certification requirements apply to this unit at the time of endorsement.

Pre-Requisites

Not applicable.

Employability Skills Information

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 performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

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| 1 | Organise for monitoring of contained waste. | 1.1 | Contained waste monitoring requirements are identified according to waste type , length of storage, organisational requirements , manufacturer specifications and legislation and codes . |
| | | 1.2 | Monitoring equipment is selected, according to organisational and contained waste monitoring requirements. |
| | | 1.3 | Potential hazards and risks of job requirements are identified according to organisational requirements, and occupational health and safety (OHS) regulations and other legislation and codes. |
| | | 1.4 | Emergency and personal protective equipment (PPE) is selected and fitted according to job and organisational requirements, and manufacturer specifications. |
| 2 | Check waste containment. | 2.1 | Integrity of waste containment is checked to ensure no leakage of waste. |
| | | 2.2 | Stocktake of waste is conducted to confirm recorded stock levels. |
| | | 2.3 | Testing of waste containment is organised according to manufacturer specifications, organisational requirements and legislation. |
| 3 | Check storage facility and report monitoring activities. | 3.1 | Storage facility is checked to ensure no contamination in the area according to organisational requirements and legislation and codes. |
| | | 3.2 | Storage facility is secured according to organisational requirements and legislation and codes to prevent unauthorised access. |
| | | 3.3 | Testing of waste storage facility is organised according to organisational requirements. |
| | | 3.4 | Report of contained waste monitoring is completed promptly and according to organisational requirements. |

Required Skills and Knowledge

This section describes the skills and knowledge required for this unit.

Required skills

- analytical skills to:
 - identify hazards and risks
 - identify waste types and waste non-conformances
 - segregate valuable resources in composite materials
- literacy skills to:
 - label waste
 - report on monitoring of contained waste
 - read and interpret:
 - job sheets
 - graduated devices
 - work requirements and material safety data sheets (MSDS)
- material handling skills to contain waste, including:
 - moving, placing and compacting waste in a landfill cell to create a batter
 - conducting storage operations
- oral communication skills to:
 - ask questions
 - listen actively
 - provide information
- self-management skills to:
 - conduct work practices safely and efficiently
 - handle waste non-conformances
 - organise work methodically
 - monitor waste processes
 - use emergency and PPE
 - work in confined spaces

Required knowledge

- procedures for containing segregated waste types, including containment and isolation of hazardous waste
- environmental management plan, including:
 - legislation and regulations
 - industry standards
- identification of:

- waste contaminants
- waste non-conformances
- waste types, streams and characteristics
- waste batter requirements
- waste containment methods
- long-term storage requirements
- OHS requirements relating to:
 - dangerous goods and hazardous substances
 - OHS hierarchy of control
- potential hazards and risks relating to:
 - waste placement and compaction
 - indicators of leakage and contamination
 - containment and segregation techniques
 - emergency response procedures
- resource recovery options relating to:
 - valuable resources within materials
 - potential resources to be re-used
 - timeframe to recover resources
 - drainage clearing techniques
 - techniques to minimise erosion
 - industry standards
- service requirements for monitoring contained waste, including:
 - client requirements
 - duty of care
 - organisational requirements
 - signage requirements
 - regulated waste compatibilities
 - monitoring methods and tests
 - reporting requirements
 - waste management options
 - security requirements for waste storage facility
 - waste management hierarchy
 - waste site management plan

Evidence Guide

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Overview of assessment	This unit of competency could be assessed by observation of practical demonstration in the workplace or in a simulated environment.
Critical aspects for assessment and evidence required to demonstrate competency in this unit	A person who demonstrates competency in this unit must be able to provide evidence of the required skills and knowledge specified in this unit. In particular the person should demonstrate the ability to: • determine contained waste monitoring requirements • determine monitoring equipment requirements • identify potential hazards and risks to waste containment • organise stockpile of waste cover material • observe OHS requirements.
Context of and specific resources for assessment	Assessment of essential underpinning knowledge may be conducted in an off-site context. It is to comply with relevant regulatory or Australian standards' requirements. Resource implications for assessment include: • work plans and approved specifications • forms and procedures manuals.
Method of assessment	Monitoring contained waste must comply with industry expectations in the particular client environment. If the environment is narrowly defined or is not representative of industry needs, it may be necessary to refer to portfolio case studies to assess competency in the monitoring of contained waste. Assessment methods must: • satisfy the endorsed Assessment Guidelines of the Property Services Training Package • include direct observation of tasks in real or simulated work conditions, with questioning to confirm the ability to consistently identify and correctly interpret the essential underpinning knowledge required for practical application • reinforce the integration of employability skills with workplace tasks and job roles • confirm that competency is verified and able to be transferred to other circumstances and environments.
Guidance information for	Reasonable adjustments for people with disabilities must be made to assessment processes where required. This could include access to

assessment	modified equipment and other physical resources, and the provision of appropriate assessment support. Assessment processes and techniques should as far as is practical take into account the language, literacy and numeracy capacity of the candidate in relation to the competency being assessed. This unit could be assessed on its own or in combination with other units relevant to the job function, for example: • CPPCMN3001B Participate in environmentally sustainable work practices • CPPCMN3003A Contribute to workplace safety arrangements • CPPWMT3020A Place and compact waste.
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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, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.

Contained waste monitoring requirements may include:	• checks for integrity of containment • compliance with legislative requirements • sampling • security of storage facility and testing.
Waste types may include:	• solid (non-hazardous), e.g. construction and demolition • liquid (non-hazardous), e.g. chemical and aqueous • hazardous – regulated, prescribed, quarantined, medical and clinical • recoverable resources, e.g. recyclable and green waste.
Organisation may include:	• all forms of business enterprises • local government and councils.
Organisational requirements may include information found in:	• briefing papers • job sheets • letters • memos • operations manuals • quality assurance documents • tender and contract documents • verbal or written instructions • work procedures.
Manufacturer specifications are found in:	• equipment specifications • instruction leaflets • operator manuals.
Legislation and codes may include:	• codes, including: • Australian Code for the Transport of Dangerous Goods by Road and Rail • industry • commonwealth, state and territory legislation, including: • anti-discrimination • environmental protection • equal employment opportunity • freedom of information • industrial • OHS

	• trade practices • road laws.
Monitoring equipment may include:	• sampling equipment • testing equipment.
Potential hazards and risks are those identified by the organisation that may lead to:	• damage to plant, vehicle or property • harm to the environment • illness or injury to employees, contractors or the public • injuries resulting from manual handling and repetitive work.
Hazards and risks may include:	• broken glass • broken metal • compaction equipment • contamination • dust • fire • gases and fumes • hazardous waste (e.g. sharps) • narrow driveways • other vehicles and equipment • overhanging signs • projectiles • spark-producing equipment • unguarded conveyor belts • weather.
Emergency and personal protective equipment must include:	• communications equipment • eye protection, such as goggles and protective glasses • eyewash kit • fire extinguishers • first aid kit • footwear • gloves • overalls and protective clothing.
Emergency and personal protective equipment could also include:	• breathing apparatus • emergency procedure guides • face shields or masks • hard hats • hearing protection • MSDS • spill kit.
Personal protective equipment must be:	• cleaned and fitted according to organisational requirements, manufacturer specifications and OHS requirements • worn when required according to organisational requirements

	• stored according to organisational requirements.
<i>Integrity of waste containment</i> should include checks for:	• contamination • drum expansion • gases • leaching • leaks • seals • spillage • unstable form.
<i>Testing</i> may include visual checks on:	• contamination • gases • humidity • leaks • litter • pressure • temperature.
<i>Storage facility</i> may include:	• may include: • bunded area • bunkers • containers • pits • stockpiles • tanks • trucks • under awning • warehouse • may be located at: • materials recovery facility • treatment site • waste generator site.
<i>Contamination</i> may include:	• exposure to sunlight • infestation • mixing with other waste types • rot or mould • waterlogging.
<i>Report</i> may include:	• checks completed • defects identified • faults serviced • housekeeping undertaken • materials used

	• parts replaced • repairs and adjustments made.
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Unit Sector(s)

Waste management

Custom Content Section

Not applicable.