



Australian Government

Department of Education, Employment and Workplace Relations

CPPWMT3017A Store waste

Release: 1

CPPWMT3017A Store waste

Modification History

Revised unit

Unit updated and equivalent to PRMWM17B Store waste

Unit Descriptor

This unit of competency specifies the outcomes required to store all waste types prior to transport and further treatment or disposal. This includes the storage of regulated and unregulated, and solid and liquid waste. The unit also covers the long-term storage of wastes that are unable to be disposed of in any other way. It requires the ability to organise activity and apply safe work practices.

Application of the Unit

This unit of competency supports individuals with responsibilities for conducting waste management activities. 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 storage of waste. | <p>1.1 <i>Waste storage requirements</i> are identified according to <i>waste type</i>, length of storage, <i>organisational requirements</i> and <i>legislation and codes</i>.</p> <p>1.2 <i>Potential hazards and risks</i> are identified and managed according to organisational requirements, job requirements and occupational health and safety (OHS) regulations, and supervisor or team leader is informed.</p> <p>1.3 Compatibilities are identified where regulated (or prescribed) waste is to be stored.</p> <p>1.4 Amount of waste to be stored is determined to ensure <i>storage facilities</i> are adequate to meet the volume of waste.</p> <p>1.5 <i>Storage equipment</i> is selected according to waste storage requirements, organisational requirements and legislation and codes.</p> <p>1.6 Correct <i>waste identification signage</i> on storage facility is placed where waste is regulated, ensuring full visibility and according to organisational requirements and legislation and codes.</p> <p>1.7 Storage space is selected and pre-checked for functionality and cleanliness, and fitted with <i>emergency and personal protective equipment (PPE)</i> according to job requirements, manufacturer specifications, organisational requirements and legislation and codes.</p> |
| 2 | Conduct storage activity. | <p>2.1 Stored waste is identified and <i>integrity of containment is checked</i>.</p> <p>2.2 <i>Waste non-conformances</i> are identified and handled</p> |

- according to organisational requirements and legislation and codes.
- 2.3 Waste is stored according to organisational requirements and legislation and codes.
 - 2.4 Only compatible wastes are stowed in the storage facility where several regulated waste types are to be stored.
 - 2.5 Waste is stacked, placed or decanted in storage facility in a neat and orderly fashion to maximise use of storage space and ensure integrity of form.
- 3 Conduct housekeeping.
 - 3.1 Stored waste is contained, secured and covered effectively to maintain waste quality and prevent **contamination** or spillage.
 - 3.2 **Details of waste stored** are documented according to organisational requirements and legislation and codes.

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
 - identify and segregate waste, including:
 - segregating valuable resources in composite materials
 - conducting storage operations
- interpersonal skills to work in a team environment
- literacy skills to:
 - label waste
 - report on waste segregation outcomes
 - read and interpret:
 - job sheets
 - work requirements and material safety data sheets (MSDS)
- oral communication skills to:
 - ask questions
 - listen actively
 - provide information
- self-management skills to:
 - apply signalling techniques
 - conduct work practices safely and efficiently
 - handle waste non-conformances
 - organise work methodically
 - use emergency and PPE

Required knowledge

- identification and handling knowledge of:
 - waste sorting techniques
 - waste contaminants
 - waste non-conformances
 - waste types, streams and characteristics
 - waste storage methods
- procedures for containing segregated waste types, including containment and isolation of hazardous waste

- OHS requirements relating to:
 - dangerous goods and hazardous substances
 - OHS hierarchy of control
- potential hazards and risks relating to:
 - waste storage
 - containment and segregation techniques
 - emergency response procedures
- resource recovery options relating to:
 - valuable resources within materials
 - potential resources to be stored
 - timeframe to recover resources
 - industry standards and legislation
 - environmental issues
- service requirements for storing waste, including:
 - client requirements
 - duty of care
 - organisational requirements
 - storage methods
 - signage requirements
 - regulated waste compatibilities
 - signalling techniques
 - reporting requirements
 - waste management options
 - 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 where waste is stored.
Critical aspects for assessment and evidence required to demonstrate competency in this unit	<p>A person who demonstrates competency in this unit must be able to provide evidence of the required skills and knowledge specified in this unit.</p> <p>In particular the person should demonstrate the ability to:</p> <ul style="list-style-type: none"> • determine waste storage requirements • recognise waste compatibilities • effectively organise storage of waste • identify potential hazards and risks to storage • observe OHS requirements.
Context of and specific resources for assessment	<p>Assessment of essential underpinning knowledge may be conducted in an off-site context. It is to comply with relevant regulatory or Australian standards' requirements.</p> <p>Resource implications for assessment include:</p> <ul style="list-style-type: none"> • work plans and approved specifications • forms and procedures manuals.
Method of assessment	<p>Storing 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 storage of waste.</p> <p>Assessment methods must:</p> <ul style="list-style-type: none"> • 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	<p>modified equipment and other physical resources, and the provision of appropriate assessment support.</p> <p>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.</p> <p>This unit could be assessed on its own or in combination with other units relevant to the job function, for example:</p> <ul style="list-style-type: none">• CPPCMN3001B Participate in environmentally sustainable work practices• CPPCMN3003A Contribute to workplace safety arrangements• CPPWMT3020A Place and compact waste• CPPWMT3025A Monitor contained 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.

<p>Waste storage requirements may include:</p>	<ul style="list-style-type: none"> • access to storage facility • amount of waste to be stored • environmental conditions that impact on requirements • equipment • length of storage • method of storage • PPE • security • signage • waste compatibilities.
<p>Waste type may include:</p>	<ul style="list-style-type: none"> • 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.
<p>Organisational requirements may include information found in:</p>	<ul style="list-style-type: none"> • briefing papers • job sheets • letters • memos • operations manuals • quality assurance documents • tender and contract documents • verbal or written instructions • work procedures.
<p>Legislation and codes may include:</p>	<ul style="list-style-type: none"> • codes, including: <ul style="list-style-type: none"> • Australian Code for the Transport of Dangerous Goods by Road and Rail • industry • commonwealth, state and territory legislation, including: <ul style="list-style-type: none"> • anti-discrimination • environmental protection • equal employment opportunity • freedom of information • industrial

	<ul style="list-style-type: none"> • OHS • trade practices • road laws.
Potential hazards and risks are those identified by the organisation that may lead to:	<ul style="list-style-type: none"> • 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.
Potential hazards and risks may include:	<ul style="list-style-type: none"> • 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.
Storage facilities may include:	<ul style="list-style-type: none"> • bunded areas • bunkers • containers • pits • stockpiles • tanks • trucks • under awning • warehouses.
Storage facilities may be located at:	<ul style="list-style-type: none"> • materials recovery facility • treatment site • waste generator site.
Storage equipment may include:	<ul style="list-style-type: none"> • bailing materials • chains and dogs • compactors • cranes • earthmoving equipment • forklifts • generators

	<ul style="list-style-type: none"> • hoses • lifting equipment • load binder winches • loadshifting equipment • loaders • plastic sheeting • pumps • recording equipment • regulated waste identification signage • ropes • scales • scrapers • shovels • storage containers: <ul style="list-style-type: none"> • crates • bins • drums • freight containers • garbage bags • garbage bins, including mobile bins • hoppers • tapes • tarpaulins • trolleys.
<i>Waste identification signage</i> may include:	<ul style="list-style-type: none"> • classification of dangerous goods • emergency information panels • fire extinguisher indicator signs • hazardous classes • HAZCHEM codes • packaging group numbers.
<i>Emergency and personal protective equipment</i> must include:	<ul style="list-style-type: none"> • communications equipment • eye protection, such as goggles and protective glasses • eyewash kit • fire extinguishers • first aid kit • footwear • gloves • overalls and protective clothing.
<i>Emergency and personal protective equipment</i> could also include:	<ul style="list-style-type: none"> • breathing apparatus • emergency procedure guides • face shields or masks

	<ul style="list-style-type: none"> • hard hats • hearing protection • MSDS • oil absorbent materials • spill kit.
<i>Personal protective equipment</i> must be:	<ul style="list-style-type: none"> • 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 containment checking</i> may include checks for:	<ul style="list-style-type: none"> • contamination • drum expansion • gases • leaching • leaks • seals • spillage • unstable form.
<i>Waste non-conformances</i> may include:	<ul style="list-style-type: none"> • contamination • hazardous or dangerous waste • inadequately contained waste mixing • incompatible waste • inferior quality and unacceptable waste streams.
<i>Contamination</i> may include:	<ul style="list-style-type: none"> • exposure to sunlight • infestation • mixing with other waste types • rot or mould • waterlogging.
<i>Details of waste stored</i> may include:	<ul style="list-style-type: none"> • amount or volume of waste • date stored • date to be dispatched • environmental protection authority documentation • material to be recycled • monitoring or maintenance requirements • safety measures undertaken • waste type.

Unit Sector(s)

Waste management

Custom Content Section

Not applicable.