



Australian Government

Department of Education, Employment and Workplace Relations

CPPWMT4006A Organise waste recovery

Release: 1

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Modification History

Revised unit

Unit updated and equivalent to PRMWM06B Organise waste recovery

Unit Descriptor

This unit of competency specifies the outcomes required to recover waste and coordinate a waste recovery team at a waste generator. It requires the ability to apply safe work practices while working with potentially hazardous waste products.

Application of the Unit

This unit of competency supports individuals with responsibilities for recovering waste working in a team environment, possibly as team leader. It includes contributing to the implementation of developed strategies, systems and plans, 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 | Prepare for waste recovery. | 1.1 | <i>Waste recovery requirements</i> are identified according to <i>waste type, organisational requirements</i> and <i>legislation and codes</i> . |
| | | 1.2 | <i>Potential hazards and risks</i> are identified and handled according to job requirements, organisational requirements, and occupational health and safety (OHS) regulations and other legislation and codes. |
| | | 1.3 | Identified hazards and risks are reported to <i>appropriate persons</i> . |
| | | 1.4 | Waste recovery is scheduled and confirmed with waste contractor to ensure maximisation of recovery process. |
| | | 1.5 | <i>Equipment</i> and labour required for waste recovery are identified and organised according to waste recovery requirements, organisational requirements and legislation. |
| | | 1.6 | Equipment and supplies are allocated to appropriate personnel and <i>supervisory processes</i> , and checks and measures are implemented to ensure work is completed within <i>time available</i> . |
| | | 1.7 | <i>Emergency and personal protective equipment</i> (PPE) is pre-checked for damage. |
| | | 1.8 | Emergency and personal protective equipment is selected and fitted according to job requirements, <i>manufacturer specifications</i> , organisational requirements and legislation. |
| 2 | Coordinate recovery of waste. | 2.1 | Recovery site is organised to ensure safe and efficient waste recovery. |
| | | 2.2 | Transporter is informed of waste to be recovered and specific recovery requirements. |
| | | 2.3 | Clear instructions are provided to recovery site. |
| | | 2.4 | Signalling and instructions are provided. |

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| 3 | Clean up area. | 3.1 | <i>Area and equipment are cleaned</i> to ensure safe and effective future operation according to organisational requirements. |
| | | 3.2 | PPE is cleaned and checked for damage prior to storage according to manufacturer specifications. |
| | | 3.3 | <i>Waste recovery details</i> are documented according to organisational requirements and legislation. |

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 waste types, including potentially hazardous waste
 - segregate valuable resources in composite materials
- interpersonal skills to:
 - work in a team environment
 - lead teams
 - provide guidance
- literacy skills to:
 - label
 - keep records
 - report on resource recovery outcomes
 - read and interpret:
 - job sheets
 - graduated devices
 - work requirements and material safety data sheets (MSDS)
- numeracy skills to measure:
 - weights
 - volume
- technical skills to facilitate:
 - plant and equipment operation, including computer operation and problem solving
 - basic cleaning and maintenance of plant and equipment
 - selection of plant and equipment
- self-management skills to:
 - apply signalling techniques
 - conduct work practices safely and efficiently
 - handle waste non-conformances
 - organise work methodically
 - use emergency and PPE
 - use of information technology to complete tasks
- oral communication skills to:

- ask questions
- listen actively
- provide information
- give directions
- planning and initiative skills to supervise teams, including:
 - providing guidance
 - demonstrating functions associated with disposal site
 - planning and problem solving in tasks

Required knowledge

- identification of:
 - waste contaminants
 - waste non-conformances
 - waste non-conformance procedures
 - unanticipated waste
 - hazardous waste
 - types of waste cover materials, their uses and benefits
 - drainage systems
 - sample tests
- procedures for containing segregated waste types, including containment and isolation of hazardous waste
- potential hazards and risks relating to:
 - disposal sites
 - emergency response procedures
 - waste containment and segregation techniques
- resource recovery options relating to:
 - valuable resources within materials
 - potential resources to be recovered
 - timeframe to recover resources
 - waste types, streams and characteristics
 - recycling options
 - industry standards
 - environmental issues
 - environmental regulations and legislation
- equipment and materials expertise to facilitate:
 - selection
 - operation
 - basic cleaning and maintenance
- service requirements for waste recovery, including:
 - signalling techniques

- client requirements
- duty of care
- organisational requirements
- reporting requirements
- waste management options
- waste management hierarchy
- waste containment and disposal techniques
- OHS requirements relating to OHS hierarchy of control
- environmental management relating to:
 - techniques to minimise erosion
 - waste types, streams and characteristics
 - waste covering requirements and considerations
 - industry standards and legislation

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 of organising waste recovery.
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: • interpret waste recovery requirements • organise equipment and personnel requirements • identify potential hazards and risks to waste recovery • coordinate recovery, incorporating 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	The process of waste recovery 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 recovery of 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 assessment	Reasonable adjustments for people with disabilities must be made to assessment processes where required. This could include access to 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: • CPPCMN2003A Provide effective client service • CPPCMN3003A Contribute to workplace safety arrangements • CPPWMT3015A Move waste using loadshifting equipment • CPPWMT3044A Identify wastes and hazards.
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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.

<i>Waste recovery requirements</i> may include:	• access to storage facility and recovery site • emergency and PPE • legislative requirements for recovery • recovery equipment • security • signage • technical analysis • waste compatibilities.
<i>Waste types</i> 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.
<i>Organisational requirements</i> 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.
<i>Legislation and codes</i> 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.
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.
Appropriate persons may include:	• supervisor • team member.
Equipment may include:	• barriers and warning signs • compactors • conveyors • generators • hoses • loadshifting equipment • pumps • sorting tables • vacuums • waste containers.
Supervisory processes may include:	• delegating • implementing • monitoring • overseeing • planning • reviewing • targeting practices to meet deadlines.
Time available may	• client instructions

include considering:	• contingencies • past experiences • skills and experience of operatives • location of project • methods to be employed • resources and equipment to be used.
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.
Manufacturer specifications are found in:	• equipment specifications • operator manuals.
Cleaning area and equipment may include:	• cleaning products • seeping out • shovelling • vacuuming • water-hosing.
Waste recovery details typically include:	• amount and volume of waste • date recovered • environmental protection authority documentation • monitoring or maintenance requirements • safety measures undertaken • special assistance provided • waste type.

Unit Sector(s)

Waste management

Custom Content Section

Not applicable.