



Australian Government

Department of Education, Employment and Workplace Relations

CPPWMT3015A Move waste using loadshifting equipment

Release: 1

CPPWMT3015A Move waste using loadshifting equipment

Modification History

Revised unit

Unit updated and equivalent to PRMWM15B Move waste using load shifting equipment

Unit Descriptor

This unit of competency specifies the outcomes required to operate a mobile plant for loading and unloading waste. It requires the ability to organise the activity and apply safe work practices.

Application of the Unit

This unit of competency supports individuals with responsibilities for managing waste during loadshifting. 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 | Prepare for loadshifting. | 1.1 | <i>Job sheet and schedule</i> are reviewed to identify job requirements. |
| | | 1.2 | <i>Loadshifting equipment</i> , associated attachments and <i>emergency and personal protective equipment (PPE)</i> are selected according to job requirements to maximise efficiency and effectiveness of transportation. |
| | | 1.3 | Operator's licence is inspected to ensure it complies with <i>organisational requirements</i> and <i>relevant legislation and codes</i> . |
| | | 1.4 | <i>Potential hazards and risks</i> to work are identified and handled according to organisational <i>emergency response action or procedures</i> , and occupational health and safety (OHS) regulations and other relevant legislation and codes. |
| 2 | Perform routine checks on loadshifting equipment. | 2.1 | Visual check of equipment is conducted to pinpoint damage, leaks, obstructions, component wear or potential hazards. |
| | | 2.2 | Equipment systems are tested to ensure that they comply with manufacturer specifications and organisational requirements. |
| | | 2.3 | Service checks are conducted in compliance with manufacturer specifications to ensure water, oil, fuel, air pressure and greasing are maintained at designated levels. |
| | | 2.4 | Emergency and personal protective equipment is checked to ensure it is functioning adequately. |
| | | 2.5 | Associated equipment is checked to ensure that it is operational and complies with manufacturer specifications. |
| 3 | Operate loadshifting equipment. | 3.1 | Equipment is operated and driven in a safe and efficient manner, according to organisational requirements, road and traffic regulations, and other legislation and codes. |
| | | 3.2 | Surrounding environment is continuously observed to identify and avoid or minimise potential hazards. |

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| | | 3.3 | Clear communication with relevant personnel is maintained. |
| 4 | Organise for loading. | 4.1 | Waste to be loaded and checked is identified to ensure integrity of containment . |
| | | 4.2 | Loading method is determined according to waste containment type and organisational requirements. |
| | | 4.3 | Equipment is parked or set up in a loading position that ensures efficiency and safety of loading. |
| | | 4.4 | Barriers and warning signs are erected at loading and unloading sites to ensure safety of surrounding personnel according to organisational requirements and relevant legislation. |
| 5 | Load and move waste. | 5.1 | Waste is loaded safely and efficiently according to waste type in designated area using an approved loading method to maintain integrity. |
| | | 5.2 | Liquid flow where waste is vacuumed is regulated to ensure maintenance of constant hose pressure. |
| | | 5.3 | Waste is moved safely and securely according to organisational requirements, manufacturer specifications and relevant legislation and codes. |
| | | 5.4 | Visual checks are maintained to identify and remedy potential hazards. |
| | | 5.5 | Load is checked to ensure it conforms to equipment capacity requirements, manufacturer specifications and relevant legislation and codes. |
| 6 | Unload waste. | 6.1 | Waste is unloaded safely and efficiently according to waste type, in designated area using an approved unloading method to maintain integrity. |
| | | 6.2 | Liquid flow where waste is vacuumed is regulated to ensure maintenance of constant hose pressure. |
| | | 6.3 | Visual checks are maintained to identify and remedy potential hazards during unloading. |

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| | | 6.4 | Load is stacked or housed at destination according to organisational requirements, manufacturer specifications and relevant legislation and codes. |
| 7 | Shut down and secure loadshifting equipment. | 7.1 | Equipment is parked or stored in a safe location to avoid damage to equipment or obstruction of surrounding site activity. |
| | | 7.2 | Shut-down procedures are completed according to manufacturer specifications and organisational requirements. |
| | | 7.3 | Equipment is secured and stored to avoid unauthorised access or use |
| 8 | Carry out basic housekeeping and maintenance. | 8.1 | Equipment is cleaned to remove debris and contamination and to ensure safe operating procedures. |
| | | 8.2 | Service checks are conducted according to manufacturer specifications to ensure water, oil, fuel, air pressure and greasing are maintained at designated levels. |
| | | 8.3 | Equipment faults or defects are reported to relevant personnel |
| | | 8.4 | Record of moving activities 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

- driving ability to facilitate safe and efficient driving
- interpersonal skills to work in a team environment
- numeracy skills to:
 - measure weights and volumes
 - measure waste
- literacy skills to:
 - report waste movements and loading activity
 - read and interpret:
 - graduated devices
 - procedure guidelines
 - specifications
 - work requirements and material safety data sheets (MSDS)
- oral communication skills to:
 - direct traffic
 - ask questions
 - follow instructions
 - provide clear information
 - listen actively
- problem-solving skills to:
 - identify hazards and risks
 - identify waste types, including regulated waste and waste non-conformances
 - segregate waste types, including potentially hazardous wastes
- self-management skills to:
 - apply signalling techniques
 - conduct work practices safely and efficiently
 - handle waste non-conformances
 - identify routes
 - organise work methodically
 - safely load and unload waste
 - use emergency and PPE
 - work in confined spaces
- waste identification, including:
 - containment of hazardous waste
 - isolation
 - recording waste sorted

- identifying and sampling waste types

Required knowledge

- driving:
 - licence requirements
 - road laws
 - map reading
- equipment operation to facilitate:
 - basic cleaning and maintenance of equipment
 - selection of plant and equipment
- identification of:
 - waste contaminants
 - waste non-conformances
 - waste types, streams and characteristics
 - loading and unloading methods
 - equipment load weight requirements
 - types of loading equipment
 - waste loading and unloading and moving hazards
 - requirements for handling and transporting waste
 - waste processing equipment
- potential hazards and risks relating to:
 - waste loading and unloading techniques
 - emergency response procedures
- OHS requirements relating to:
 - dangerous goods and hazardous substances
 - OHS hierarchy of control

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 work environment using loadshifting equipment.
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 job sheets • organise equipment operation • load safely and efficiently • 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	Moving waste using loadshifting equipment 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 moving 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: • CPPWMT3019A Prepare waste for re-use • 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>Job sheet and schedule</i> typically include:	• emergency and PPE requirements • job route and sequence • site contact • site requirements • vehicle and associated equipment requirements • waste type, classification, characteristics and transport requirements.
<i>Loadshifting equipment</i> may include:	• dozers • earthmoving equipment • forklifts • loaders: • front-end • rear-end • tailgate • trucks: • articulated • open-bodied: • hook lift • pump • vacuum • rigid • windrow turners.
<i>Emergency and personal protective equipment</i> 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.
<i>Emergency and personal protective equipment</i> 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.
Organisational requirements may include information found in:	• briefing papers • job sheets • letters • memos • operations manuals • quality assurance documents • verbal or written instructions • work procedures.
Relevant 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.
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.
Potential 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 response action or procedures may include:	• cleaning up • containing emergency • isolating or shutting down equipment or plant • evacuation • first aid • making site safe • notifying authorities • using PPE.
Relevant personnel may include:	• client • team leader • team member • management • supervisor.
Integrity of containment may include checks for:	• contamination • drum expansion • gases • leaching • leaks • seals • spillage • unstable form.
Loading method may include:	• cart lifter • forklift • front-end loader • high pressure vacuum loading • loading by hand • shovelling.
Waste type 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.
Cleaning of equipment may include:	• cleaning products and fluids • high pressure water or air-hosing • shovelling

	• sweeping out • using decontamination products • vacuuming.
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Unit Sector(s)

Waste management

Custom Content Section

Not applicable.