



Australian Government

Department of Education, Employment and Workplace Relations

CPPWMT3042A Follow environmental policies and procedures when transporting waste

Release: 1

CPPWMT3042A Follow environmental policies and procedures when transporting waste

Modification History

Revised unit

Unit updated and equivalent to PRMWM42B Follow relevant environmental policies and procedures when transporting waste

Unit Descriptor

This unit of competency specifies the outcomes required to ensure that the necessary precautions are taken when transporting waste. It focuses on protecting the environment while conducting waste management operational functions. 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 activity. It includes contributing to the implementation of developed operational procedures, as well as recognising the need for expert advice.

Licensing/Regulatory Information

Persons undertaking this unit must hold a current, nationally recognised drivers' licence.

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 | Minimise effects of pollution while driving, operating and maintaining equipment and vehicles. | 1.1 | Precautions are taken to ensure spilt fuel, lubricants and chemicals do not pollute the environment. |
| | | 1.2 | Equipment and vehicles are operated and driven efficiently to minimise pollution of the air environment through excessive exhaust emissions. |
| | | 1.3 | Unnecessary running of engine and equipment operation is avoided to minimise pollution of the air environment. |
| | | 1.4 | Vehicle loads are contained securely and according to organisational requirements, manufacturer specifications and legislation and codes to ensure the surrounding environment is not contaminated or littered. |
| | | 1.5 | Routine checks are conducted to ensure emission control equipment on vehicle is operating correctly. |
| | | 1.6 | Suitable precautions are taken during the cleaning of vehicles not to pollute the environment. |
| | | 1.7 | Waste is deposited in designated waste disposal bins according to environmental policy . |
| 2 | Transport environmentally hazardous materials safely. | 2.1 | Routes for vehicles carrying hazardous loads are planned to minimise the risk to the environment in the event of accident or spillage. |
| | | 2.2 | Waste is disposed of according to organisational and legislative requirements. |
| | | 2.3 | Material safety data sheets (MSDS) instructions are followed according to government regulations and organisational requirements. |

- 3 Identify environmental issues.
 - 3.1 ***Waste minimisation hierarchy*** and reasons for the order of waste minimisation strategies are identified by ***relevant personnel***.
 - 3.2 Opportunities for communication on minimisation of waste to relevant personnel are identified.
 - 3.3 Relevant personnel are advised of waste management approach and impact of waste on the environment.

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
- literacy skills to:
 - report on waste movements and loading activity
 - read and interpret:
 - graduated devices
 - procedure guidelines
 - specifications
 - work requirements and MSDS
- numeracy skills to:
 - measure weights and volumes
 - measure waste
- oral communication skills to:
 - ask questions
 - follow instructions
 - provide clear information
 - listen actively
- problem-solving skills to:
 - identify hazards and risks
 - segregate valuable resources in waste
- self-management skills to:
 - apply signalling techniques
 - conduct work practices safely and efficiently
 - identify routes
 - organise work methodically
 - safely load and unload waste
 - use emergency and personal protective equipment (PPE)
 - work in confined spaces

Required knowledge

- driving:
 - licence requirements
 - road laws

- map reading
- driving techniques for minimising pollution
- areas to avoid when transporting regulated and environmentally hazardous waste
- environmental policy, including:
 - impact of waste on the environment
 - environmental protection legislative requirements
- 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
- occupational health and safety (OHS) requirements relating to:
 - dangerous goods and hazardous substances
 - OHS hierarchy of control
 - public health and safety requirements
 - vehicle and equipment checks for pollution
- potential hazards and risks relating to:
 - waste loading and unloading techniques
 - emergency response procedures
- service requirements for transporting waste, including:
 - client requirements
 - duty of care
 - organisational requirements
 - reporting requirements
 - waste management options
 - public requirements
 - 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 discussion relaying environmental policies and procedures when transporting waste.
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: • identify types of pollution and how pollution can be minimised • operate vehicle in a manner that minimises pollution • apply understanding of waste minimisation hierarchy • apply understanding of organisational environmental policies.
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 forms and procedures manuals.
Method of assessment	The process of transporting waste must comply with environmental policies and procedures, as well as 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 following of environmental policies and procedures when transporting 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 of competency relevant to the job function, for example: • CPPCMN3001B Participate in environmentally sustainable work practices • CPPWMT3015A Move waste using loadshifting equipment.
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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>Equipment</i> may include:	• barriers and warning signs • communications equipment • compactors • conveyors • generators • hoses • lifting equipment • loadshifting equipment • PPE • pumps • recording equipment • scales • skips • sorting tables • storage containers • tools • trailers • trolleys • vacuums • weighbridge • waste containers.
<i>Pollution</i> may include:	• gas • noise • oils • waste • water.
<i>Organisational requirements</i> may include information found in:	• briefing papers • job sheets • letters • memos • operations manuals • quality assurance documents • verbal or written instructions • work procedures.
<i>Manufacturer</i>	• equipment specifications

<i>specifications</i> are found in:	• instruction leaflets • operator manuals.
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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.
Routine checks may include checks conducted as part of:	• operational vehicle use (prior to and following use) • standard maintenance checks.
Cleaning of vehicles may include:	• removing and disposing of wastes from the vehicle before washing • using environmentally friendly cleaning products • washing in designated washing bays.
Waste may include the following categories:	• 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.
Environmental policy addresses environmental issues and may include:	• air and water pollution • biodiversity protection and protection of natural resources • carbon emission • ecosystem management • wildlife and endangered species.
Waste minimisation hierarchy may include:	• by level of weighting importance: • avoid • dispose • reduce • recycle • re-use.
Relevant personnel may include:	• client • householder • management • waste generator personnel.

Unit Sector(s)

Waste management

Custom Content Section

Not applicable.