



Australian Government

Department of Education, Employment and Workplace Relations

PRMWM42B Follow relevant environmental policies and procedures when transporting waste

Release: 1

PRMWM42B Follow relevant environmental policies and procedures when transporting waste

Modification History

Not Applicable

Unit Descriptor

Unit descriptor

This unit of competency describes the competencies required to ensure that all required precautions are taken by waste operators to protect the environment in all aspects of waste management operational functions.

Application of the Unit

Not Applicable

Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Not Applicable

Employability Skills Information

Not Applicable

Elements and Performance Criteria Pre-Content

Not Applicable

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1 Minimise the effects of pollution while driving, operating and maintaining equipment and vehicles	<ul style="list-style-type: none">1.1 Take precautions to ensure spilt fuel, lubricants and chemicals do not pollute the environment1.2 Operate equipment and drive vehicles efficiently to minimise <i>pollution</i> of the air environment through excessive exhaust emissions1.3 Avoid unnecessary running of engine/equipment operation to minimise pollution of the air environment1.4 Securely contain vehicle loads in accordance with company requirements, manufacturers' specifications and <i>relevant legislation</i> to ensure no contamination or littering of surrounding environment1.5 Conduct <i>routine checks</i> to ensure emission control equipment on vehicle is operating correctly1.6 Take <i>suitable precautions during the cleaning of vehicles not to pollute the environment</i>1.7 Deposit waste in designated waste disposal bins
2 Transport environmentally hazardous materials safely	<ul style="list-style-type: none">2.1 Plan routes for vehicles carrying hazardous loads to minimise the risk to the environment in the event of accident or spillage2.2 Dispose of waste in accordance with company and legislative requirements2.3 Follow material safety data sheets (MSDS) instructions in accordance with government regulations and company requirements
3 Maintain awareness of environmental issues	<ul style="list-style-type: none">3.1 Ensure that <i>waste minimisation hierarchy</i> and reasons for the ordering of waste minimisation strategies are understood by all relevant personnel <hr/> <ul style="list-style-type: none">3.2 Identify and communicate opportunities for the minimisation of waste to relevant personnel3.3 Ensure that the importance of waste management and the impact of waste on the environment is understood by all relevant personnel

Required Skills and Knowledge

Refer to Evidence Guide

Evidence Guide

EVIDENCE GUIDE

Critical aspects of competency

- Awareness of types of pollution and how pollution can be minimised.
- Ability to operate vehicle to minimise pollution.
- Complies with company environmental policies.
- Complies with relevant OHS requirements.
- Understands the waste minimisation hierarchy.

Knowledge needed to achieve the performance criteria

Knowledge and understanding are essential to apply this unit in the workplace, to transfer the skills to other contexts, and to deal with unplanned events. The knowledge requirements for this unit are listed below.

- Driving techniques for minimising pollution.
- Waste minimisation hierarchy.
- Importance of effective waste management and impact of waste on the environment.
- Common pollutants and strategies for avoidance/minimisation.
- Vehicle/equipment checks for pollution.
- Public health and safety requirements.
- Employee obligations and responsibilities.
- Environmental protection legislative requirements.
- Appropriate waste disposal.
- Areas to avoid when transporting regulated/environmentally hazardous waste.
- OHS hierarchy of control.

Specific skills needed to achieve the performance criteria

To achieve the performance criteria, some complementary skills are required. These are:

- safe and efficient driving
- following environmental strategy requirements
- following MSDS
- waste removal and disposal.

Other units of competency that could be assessed with this unit

This unit could be assessed on its own or in combination with other competencies relevant to the job function, for example:

- PRMWM15B Move waste using load shifting equipment
- BSBCMN215B Participate in environmental work practices
- BSBCMN313B Maintain environmental procedures
- Transport and Distribution units of competency.

Resources required to assess this unit

The following resources should be available:

- OHS requirements
- company environmental management plan.

Gaining evidence to assess this unit

For valid and reliable assessment of this unit, the competency should be demonstrated over a period of time and be observed by the assessor (or assessment team working together to conduct the assessment). The competency is to be demonstrated in a range of situations, which may include customer/workplace interruptions and involvement in related activities normally experienced in the workplace.

Evidence of competency is best obtained by observing activities in the field and reviewing the adherence to relevant OHS policies and procedures. If this is not practicable, observations in realistic simulated environments may be substituted.

Consistency in performance

Assessment requires that strategies meet the objectives of clients and comply with industry expectations in the particular client environment. If the environment is narrowly defined or is not representative of industry needs, it will be necessary to assess the unit within a variety of waste management environments or different client needs to assess competency in the adherence to relevant OHS policies and procedures.

Oral questioning or written assessment and hypothetical situations (scenarios) may be used to assess underpinning knowledge. (In assessment situations where the candidate is offered a preference between oral questioning and written audit, questions are to be identical.)

Supplementary evidence may be obtained from relevant authenticated correspondence from existing supervisors, team leaders or specialist training staff.

Note: All practical demonstrations must adhere to the safety and environmental regulations relevant to each state or territory.

Key competency levels

There are a number of processes that are learnt throughout work and life that are required in all jobs. They are fundamental processes and generally transferable to other work functions. Some of these are covered by the key competencies, although others may be added.

Information below highlights how these processes are applied in this competency standard.

- | | | |
|------------------------------|---|---|
| 1 Perform the process | 2 Perform and administer the process | 3 Perform, administer and design the process |
|------------------------------|---|---|

How can communication of ideas and information be applied?	1	Discuss with colleagues relevant environmental policies and procedures.
How can information be collected, analysed and organised ?	1	Gather information from a number of sources (including relevant legislation and company requirements) about environmental policies and procedures.
How are activities planned and organised ?	1	Plan activities to minimise harm to the environment.
How can teamwork be applied?	1	Work cooperatively with colleagues to protect the environment.
How can the use of mathematical ideas and techniques be applied?	1	Conduct and document appropriate mathematical calculations.
How can problem-solving skills be applied?	1	Identify and solve risk elements in the minimisation of environmental damage.
How can the use of technology be applied?	1	Demonstrate understanding of technological principles and physical skills to use appropriate equipment.

Range Statement

RANGE STATEMENT

The range statement links the required knowledge and organisational and technical requirements to the workplace context. It describes any contextual variables that will be used or encountered when applying the competency in work situations. It allows for different work practices and work and knowledge requirements as well as for differences between organisations and workplaces. The following variables may be present for this particular unit.

Performance of this unit is carried out in accordance with relevant requirements of the following:

- Australian Standards
- environmental regulations
- legislative requirements
- manufacturers' specifications
- organisational procedures
- relevant state/territory regulations.

Pollution includes but is not limited to gas, noise, oils, waste and water.

Relevant legislation and codes cover state and federal:

- Australian Code for the Transport of Dangerous Goods by Road or Rail

- duty of care
- industry codes of conduct
- occupational health and safety
- Australian Standards
- environmental protection legislation
- road laws.

Routine checks are conducted as a part of standard maintenance and operational checks prior to and following vehicle use.

Suitable precautions taken during vehicle cleaning to minimise pollution include:

- removing and appropriately disposing of wastes from the vehicle before washing
- use of environmentally friendly cleaning products
- washing in a designated washing bay.

Waste minimisation hierarchy includes, by level weighting of importance: reduce, re-use, recycle and disposal.

Unit Sector(s)

Not Applicable