



Australian Government

Department of Education, Employment and Workplace Relations

PRMWM23B Maintain disposal site

Release: 1

PRMWM23B Maintain disposal site

Modification History

Not Applicable

Unit Descriptor

Unit descriptor

This unit of competency describes the various maintenance functions carried out at a waste site.

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 Organise for maintenance | 1.1 Identify maintenance work to be undertaken on <i>waste site</i> from physical observation of site environment, maintenance schedule and job requirements |
| | 1.2 Identify, obtain and check <i>plant and equipment</i> , tools and <i>materials</i> required for work to ensure safe and efficient operation |
| | 1.3 Select and fit <i>emergency and personal protective equipment</i> in accordance with job requirements, <i>manufacturers' specifications</i> , <i>company requirements</i> and <i>relevant legislation</i> |
| | 1.4 Identify and manage <i>potential job requirement risks and hazards</i> in accordance with company requirements, OHS and other relevant legislation |
| 2 Maintain access roads | 2.1 Maintain condition of roads to ensure public and personnel safety and maximise the efficiency of site operations |
| | 2.2 Plan and carry out <i>normal wear and damage</i> repairs to minimise disruption to site operations |
| | 2.3 Maintain effective drainage to maximise the removal of excess water |
| | 2.4 Spread water to maintain a uniform wet surface to suppress dust |
| 3 Maintain landfill cells | 3.1 Create ditches, bunds and slopes to prevent overland flow from entering exposed working face of cell, in accordance with company requirements and relevant legislation |
| | 3.2 Maintain minimum coverage on landfill cell and batter covers in accordance with company requirements and relevant legislation |
| | 3.3 Replace eroded cover and take <i>preventative action to avoid further erosion</i> |
| | 3.4 Keep cover smooth and rounded to prevent pitting of surfaces and flooding |
| | 3.5 Detect any vermin infestations and undertake pest management response in accordance with company requirements |
| | 3.6 Trim, mow, clear or replace vegetation on landfill site, as appropriate, in accordance with |

ELEMENT	PERFORMANCE CRITERIA
4 Maintain surroundings	company requirements 3.7 Follow required company security procedures to prevent unauthorised scavenging
	4.1 Clear <i>drains</i> regularly to prevent build-up of silt or blockages
	4.2 Clear fences, gates and barriers regularly to remove litter and debris and maintain a safe and clean environment
	4.3 Repair fences, gates and barriers as required to ensure integrity of form and prevent unauthorised entry to waste site or site areas
5 Document maintenance activities	4.4 Clear and clean signs of litter and debris to ensure full and clear visibility of all signage
	5.1 Document all maintenance activities promptly and accurately in accordance with company requirements, manufacturers' specifications and relevant legislation

Required Skills and Knowledge

Refer to Evidence Guide

Evidence Guide

EVIDENCE GUIDE

Critical aspects of competency

- Selection of appropriate emergency and personal protective equipment requirements.
- Accurate identification of potential risks and hazards to maintenance activities.
- Appropriate response to pest management.

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.

- Potential risks and hazards to maintenance activities.
- Basic plant and equipment operation.
- Basic road maintenance.
- Landfill cover requirements and considerations.
- Erosion prevention.
- Drainage clearing techniques.
- Emergency response procedures.
- Company requirements.
- Environmental management plan.
- Occupational health and safety requirements.
- Duty of care in provision of services.
- Relevant industry standards.
- Relevant legislation.
- Relevant environmental regulations.
- OHS hierarchy of control.

Specific skills needed to achieve the performance criteria

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

- following instructions, giving information
- reading and interpreting schedules and work requirements
- plant and equipment operation
- covering and compacting roads
- basic gardening (including lawn mowing, pruning and clearing)
- maintaining landfill cell covers
- using communications equipment (two-way radio and mobile phone)
- hazard identification
- record keeping
- working in confined spaces
- use of emergency and personal protective equipment
- following MSDS
- correct interpretation of job sheet and schedule
- accurate determination of plant, equipment, tools, and materials requirements.

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:

- PRMWM21B Cover waste
- PRMCMN201A Participate in workplace safety arrangements
- BSBCMN215B Participate in environmental work practices.

Resources required to assess this unit

The following resources should be available:

- waste site for maintenance
- maintenance materials and equipment
- company maintenance policy
- company environmental management policy
- OHS requirements
- personal protective equipment
- site safety plan
- MSDS.

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 this field and reviewing maintenance activities at a waste site under normal industry operating conditions. If this is not practicable, observations in realistic simulated environments may be substituted.

Consistency in performance

Assessment requires that the plan meets the objectives of the client and that it complies 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 of a variety of waste requirements to assess competency in maintenance activities. 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.

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|------------------------------|---|---|
| 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	Communicate clearly and effectively with relevant personnel.
How can information be collected, analysed and organised ?	1	Gather information from a number of sources (including job requirements, manufacturers' specifications and company requirements) about maintaining disposal site.
How are activities planned and organised ?	2	Plan and organise maintenance activities in accordance with company requirements and relevant legislation.
How can teamwork be applied?	1	Work effectively with relevant personnel.
How can the use of mathematical ideas and techniques be applied?	1	Correctly apply mathematical techniques in documentation requirements.
How can problem-solving skills be applied?	1	Maintain processes while identifying possible problems and solutions.
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.

Company requirements are found in briefing documents, letters, quality assurance documents, tender/contract documents and verbal or written instructions.

Drains may include grease traps and silt traps.

Emergency and personal protective equipment must include:

- appropriate footwear
- communications equipment
- eye protection
- eyewash kit
- fire extinguishers
- First Aid kit
- gloves
- overalls and protective clothing.

Emergency and personal protective equipment could also include:

- breathing apparatus
- emergency procedure guides
- face shield/mask
- hard hat
- hearing protection
- material safety data sheets (MSDS)
- spill kit.

Emergency response action/procedures include but are not limited to:

- clean up
- contain emergency
- equipment/plant isolation and shut-down
- evacuation
- First Aid
- make safe
- notification of authorities
- use of appropriate personal protective equipment.

Manufacturers' specifications are found in equipment specifications and operator manuals.

Materials include cell cover materials, fertiliser, pesticides, plant protection covers, plants and road repairing materials.

Normal wear and damage to roads may include compaction, repairing potholes and resurfacing (gravel/dirt).

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.

Personal protective equipment required will be stored, maintained and worn/fitted in accordance with company requirements and occupational health and safety and other legislation.

Plant and equipment includes but is not limited to:

- communications equipment
- compactor
- dozer
- grader
- lawnmower
- loader
- roller
- scraper
- signage
- tractor
- truck

- whipper snipper.

Potential job requirement risks and hazards are those risks and hazards identified by the organisation that could lead to injury or illness of employees, contractors, visitors or the public; damage to plant, vehicles or property; or that could cause harm to the environment. This relates to on-site and off-site activities (whether company owned or occupied premises, customer/client premises or public property) over which it could be expected the organisation had control.

Preventative action to avoid further erosion may include drainage systems to prevent water erosion, planting grasses, ground covers, shrubs, tight compaction of cover, use of wind breaks and watering to prevent wind erosion.

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.

Safe operating procedures include any activity or operation conducted on site to ensure health and safety of personnel/equipment in the area.

Waste site may include landfill, materials recovery facility, processing plant, transfer station, treatment plant and waste generator's site.

Unit Sector(s)

Not Applicable