



Australian Government

Department of Education, Employment and Workplace Relations

PRMWM27B Select and obtain waste management plant, equipment and materials

Release: 1

PRMWM27B Select and obtain waste management plant, equipment and materials

Modification History

Not Applicable

Unit Descriptor

Unit descriptor

This unit of competency covers all types of waste management plant, equipment and materials and associated procurement procedures.

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 Identify services to be provided	1.1 Identify services from business plan and company marketing strategy 1.2 Prepare and review a classification of types of waste management services to be offered against <i>plant, equipment and material</i> needs
2 Determine performance characteristics of plant, equipment and materials	2.1 Specify plant, equipment and materials performance against type of services provided 2.2 Obtain performance needs of <i>relevant legislation</i> and applicable standards 2.3 Determine plant, equipment and materials' fitness for purpose based on product specification 2.4 Establish maintenance, repair costs, downtime and life expectancy 2.5 Identify health and safety performance requirements of <i>personal protective equipment</i> from <i>manufacturers' specifications</i>
3 Ensure access to plant equipment and materials	3.1 Maintain mixture of owned, hired and leased plant and equipment to suit budget and usage patterns 3.2 Maintain relationship with supplier on suitable trading terms in accordance with relevant legislation and company requirements 3.3 Maintain sources of supply to optimise stock levels 3.4 Negotiate rights to proprietary plant and equipment with suppliers
4 Maintain up-to-date information on industry plant, equipment and materials	4.1 Maintain business network in order to access regular and useful information 4.2 Maintain knowledge of regulatory and standards authorities and make arrangements for receipt of publications

Required Skills and Knowledge

Refer to Evidence Guide

Evidence Guide

EVIDENCE GUIDE

Critical aspects of competency

- Clear identification of services to be provided from business plan.
- Effective review of waste management services to be provided against plant, equipment and materials needs.
- Correct assessment of performance characteristics of plant, equipment and materials (including fitness for purpose, performance, safety, maintenance, repair costs, downtime and life expectancy, compliance with relevant legislation and environmental policy)
- Ensures availability of plant, equipment and materials.

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.

- Plant, equipment and materials used in the waste management industry.
- Regulations and standards affecting plant, equipment and materials.
- Business methods and operations.
- Financing arrangements.
- Sources of information.
- Company requirements.
- Waste management services.
- Occupational health and safety requirements.
- Relevant environmental regulations relating to plant, equipment and materials.
- OHS hierarchy of control.

Specific skills needed to achieve the performance criteria

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

- plant and equipment assessment
- basic technical literacy to read and interpret company procedures manuals, MSDS, notices and posters
- record keeping
- negotiating purchase/finance arrangements
- basic numeracy to compare application claims.

Resources required to assess this unit

The following resources should be available:

- range of waste management plant, equipment and materials
- company business plan
- company marketing strategy
- company asset register/records
- company budget.

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 selection of waste management plant, equipment and materials. 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 selection of waste management plant, equipment and materials.

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?	2	Discuss the selection of waste management plant, equipment and materials with colleagues.
How can information be collected, analysed and organised ?	2	Gather and analyse information from a number of sources (including job requirements, manufacturers' specifications and company requirements) about plant, equipment and materials.
How are activities planned and organised ?	2	Plan and organise activities to select and obtain waste management plant, equipment and materials in accordance with company requirements and relevant legislation.
How can teamwork be applied?	1	Work effectively with relevant personnel throughout the process of selecting and obtaining waste management plant, equipment and materials.
How can the use of mathematical ideas and techniques be applied?	1	Check application claims.
How can problem-solving skills be applied?	2	Apply solutions to overcoming issues relating to the availability of waste management plant, equipment and materials.
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.

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.

Equipment includes but is not limited to:

- baling materials
- communications equipment
- compactor
- generator
- hoses
- lifting equipment
- personal protective equipment
- pumps
- recording equipment
- sampling equipment
- scales
- skip
- storage containers
- tools
- trailer
- trolley
- vacuums
- weighbridge.

Manufacturers' specifications and safety data may be found on labels attached to equipment/containers, in company procedures manuals, on MSDS or in notices and posters distributed for display at workplaces or in vehicles.

Materials include:

- cleaning chemicals
- cleaning rags
- consumables
- cover materials
- fuels
- lubricants
- office requisites
- oils
- road maintenance materials
- treatment and processing chemicals
- water.

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.

Plant may include:

- Bobcat
- dozers and associated earthmoving plant
- forklift
- front-end loader
- open-bodied truck
- processing plant
- rear loader
- tailgate loader
- tankers
- treatment plant
- trucks (rigid and articulated).

Relevant legislation and codes cover state and federal:

- industry codes of conduct
- occupational health and safety legislation
- Australian Standards
- environmental protection legislation
- trade practices.
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Unit Sector(s)

Not Applicable