



Australian Government

Department of Education, Employment and Workplace Relations

PRMWM07B Implement waste management plan

Release: 1

PRMWM07B Implement waste management plan

Modification History

Not Applicable

Unit Descriptor

Unit descriptor

This unit of competency describes the implementation of a waste management plan. It requires the ability to plan and coordinate activity. These work functions would be carried out under routine supervision within organisational guidelines.

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 implementation of waste management plan	1.1 Review <i>waste management strategy</i> to determine implementation requirements 1.2 Identify <i>potential risks and hazards</i> and notify/discuss with designated/<i>appropriate person</i> 1.3 Select appropriate <i>equipment</i>, including <i>personal protective equipment</i> and personnel requirements, for implementation of strategy, in accordance with <i>company requirements</i> and OHS procedures
2 Implement waste management plan	2.1 Explain new or changed waste management procedures and processes to all relevant personnel 2.2 Implement new or changed waste management procedures in accordance with waste management plan and company and <i>relevant legislative requirements</i> 2.3 Provide education and training to personnel to ensure full understanding of and commitment to waste management plan including OHS procedures, appropriate personal protective equipment, work procedures, company requirements and relevant legislation
3 Monitor and review outcomes of strategy	3.1 Review <i>implementation of waste management plan</i> to determine safety, feasibility, compliance, efficiency and effectiveness 3.2 Make necessary adjustments to waste management plan to maximise achievement of objectives
4 Document strategy implementation and review	4.1 Document details of waste strategy implementation and review in accordance with <i>company requirements</i>

Required Skills and Knowledge

Refer to Evidence Guide

Evidence Guide

EVIDENCE GUIDE

Critical aspects of competency

- Interpretation of strategy requirements.
- Implementation of new processes and procedures.
- Organisation of education and training.
- Monitoring outcomes of strategy.

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.

- Waste minimisation hierarchy.
- Site waste management processes and procedures.
- Site waste management plan.
- Waste management techniques.
- Quality control measures.
- Waste sampling methods and techniques.
- Company requirements.
- 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:

- oral communication skills including questioning, listening, giving instructions, giving information, training, signalling
- interpersonal skills
- written communication skills
- reading and interpreting strategy
- change implementation
- waste assessment
- quality control inspection
- methodical organisation of work
- record keeping
- computer skills
- use of emergency and personal protective equipment
- safe and efficient work practices.

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:

- PRMWM27B Select and obtain waste management plant, equipment and materials
- PRMWM30B Determine waste management services

- PRMWM32B Inform and educate clients on waste management issues
- PRMWM33B Educate public on waste management issues
- BSBCMN413B Implement and monitor environmental policies.

Resources required to assess this unit

The following resources should be available:

- waste management plan
- strategies for plan implementation
- waste management practices and procedures
- relevant environmental protection legislative requirements.

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 the implementation of a waste management plan 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 the implementation of a waste management plan.

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 which 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?	2	Provide education and training opportunities to support personnel throughout waste management plan.
How can information be collected, analysed and organised ?	1	Gather information from a number of sources (including regulatory sources and company requirements) about the implementation of a waste management plan.
How are activities planned and organised ?	2	Plan detailed requirements throughout the implementation of waste management plan.
How can teamwork be applied?	2	Work with relevant personnel issues about the implementation of the waste management plan.
How can the use of mathematical ideas and techniques be applied?	1	Document mathematical components of the waste implementation plan.
How can problem-solving skills be applied?	2	Identify possible problems and solutions which may arise throughout the implementation of waste management plan.
How can the use of technology be applied?	1	Demonstrate understanding of technological principles and physical skills to use appropriate equipment such as a computer.

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.

Appropriate person may include client, supervisor and team member.

Client includes all forms of business enterprises in this context including government agencies, local governments/councils, private and public companies, and residents/ratepayers.

Company requirements are found in job sheet, management strategy, manuals, verbal or written instructions and work procedures.

Contamination may include exposure to sunlight, infestation, mixing with other waste types, rot or mould, and waterlogging.

Equipment includes but is not limited to collection container, load shifting equipment, measurement equipment and tarpaulin.

Emergency and personal protective equipment must include:

- communications equipment
- eye protection
- eyewash kit
- fire extinguishers
- First Aid kit
- gloves
- overalls
- protective boots
- 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
- 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.

Hazardous waste may include:

- biological products
- blood products
- broken metal
- chemicals
- electrical wiring
- gases/fumes
- glass
- hospital waste
- leaking containers
- needles/syringes
- oil/petrol.

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

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

- Australian Standards
- environmental regulations
- legislative requirements
- manufacturers' specifications

- OHS regulations and procedures
- organisational procedures
- relevant state/territory regulations.

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

Potential 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. Risks and hazards may include:

- broken glass/metal
- compaction equipment
- contamination
- dust
- fire
- gases and fumes
- hazardous waste (e.g. sharps)
- injuries resulting from manual handling and repetitive work
- narrow driveways
- other vehicles and equipment
- overhanging signs
- projectiles
- spark-producing equipment
- unguarded conveyor belt
- weather.

Relevant legislation and codes cover state and federal:

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

Review of implementation of waste management plan may include but is not limited to:

- achievement of objectives
- analysis of wastes
- audits
- quality control checks
- review of effectiveness of new procedures and processes
- samples
- waste counts.

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

Waste generator includes all forms of business enterprises in this context, including private and public companies, and local governments/councils.

Waste management strategy may include:

- changes to processes and procedures
- education and resource requirements
- feasibility study of waste management options
- future reviews and audits
- past waste audit information
- prioritisation of waste management strategies
- recycling requirements
- reduction
- re-use
- schedules
- waste management objectives.

Waste types 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.
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Unit Sector(s)

Not Applicable