



**Australian Government**

# **PMBWASTE101 Collect waste for recycling or safe disposal**

**Release: 1**

## **PMBWASTE101 Collect waste for recycling or safe disposal**

### **Modification History**

Release 1. Supersedes and is equivalent to PMBWASTE101C Collect waste for recycling or safe disposal

### **Application**

This unit of competency covers the skills and knowledge required to collect waste for recycling or disposal.

This unit of competency applies to operators who are required to gather and sort waste, transport waste to storage areas, prepare waste for re-use or disposal and complete the waste processes.

This unit of competency applies to an individual working alone or as part of a team or group and working in liaison with other shift team members, team leader and supervisor, as appropriate.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

### **Pre-requisite Unit**

Nil

### **Competency Field**

Waste

### **Unit Sector**

Not applicable

## Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

- |   |  |     |   |
|---|--|-----|---|
| 1 | <b>Identify waste products</b>                 | 1.1 | Identify waste products from the production process in terms of the material type, toxicity, recyclability, flammability and reactivity |
|   |  | 1.2 | Identify sources of waste and approved locations for storage of each waste type   |
|   |  |     |   |
| 2 | <b>Relocate and store non-recyclable waste</b> | 2.1 | Employ manual handling techniques appropriate for safely relocating waste   |
|   |  | 2.2 | Identify and comply with co-storing requirements for waste products   |
|   |  | 2.3 | Update and maintain storage inventory systems   |
|   |  |     |   |
| 3 | <b>Sort and prepare materials for re-use</b>   | 3.1 | Sort and categorise materials for recycling   |
|   |  | 3.2 | Identify procedures for pre-processing activity to prepare products for re-use as required  |
|   |  | 3.3 | Relocate pre-processed materials for re-use   |
|   |  | 3.4 | Identify materials requiring disposal   |
|   |  | 3.5 | Contain materials for safe disposal in conformance with environmental requirements  |
|   |  | 3.6 | Mark, label or otherwise identify products for disposal   |
|   |  |     |   |
| 4 | <b>Complete waste processes</b>                | 4.1 | Arrange for waste disposal according to workplace instructions  |
|   |  | 4.2 | Ensure appropriate safety and lifting equipment is available as needed for safe loading of waste  |
|   |  | 4.3 | Complete reports on wastage in accordance with workplace procedures as required   |
|   |  | 4.4 | Monitor quantities of waste stored for compliance with workplace procedures and environmental regulations as                            |

required

## **Foundation Skills**

This section describes those required skills (language, literacy and numeracy) that are essential to performance.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

## Range of Conditions

This field allows for different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

**Regulatory framework** The latest version of all legislation, regulations, industry codes of practice and Australian/international standards, or the version specified by the local regulatory authority, must be used.

Applicable legislation, regulations, standards and codes of practice include:

- health, safety and environmental (HSE) legislation, regulations and codes of practice relevant to the workplace, manual handling and hazardous materials
- Australian/international standards relevant to the materials being used and products being made
- any relevant licence and certification requirements.

All operations to which this unit applies are subject to stringent HSE requirements, which may be imposed through state/territory or federal legislation, and these must not be compromised at any time. Where there is an apparent conflict between performance criteria and such requirements the legislative requirements take precedence.

**Procedures** All operations must be performed in accordance with relevant procedures.

Procedures are written, verbal, visual, computer-based or in some other form, and include one or any combination of:

- emergency procedures
- work instructions
- standard operating procedures (SOPs)
- safe work method statements (SWMS)
- formulas/recipes
- batch sheets
- temporary instructions
- any similar instructions provided for the smooth running of the plant.

**Tools and equipment** Tools and equipment include one or more of:

- hand carts and trolleys
- hoists/lifting equipment not requiring any special permits or licences

- basic hand tools
- relevant personal protective equipment (PPE).

**Hazards** Hazards must be identified and controlled. Identifying hazards requires consideration of:

- fumes/vapours
- weight, shape, volume of materials to be handled
- stacking/storage of materials
- hazardous products and materials
- rotational equipment or vibration
- sharp edges, protrusions or obstructions
- slippery surfaces, spills or leaks
- smoke, dust or other atmospheric hazards
- structural hazards
- equipment failures
- mobile equipment
- machinery, equipment and product mass
- other hazards that might arise.

**Problems** Routine problems must be resolved by applying known solutions.

Routine problems are predictable and include one or more of:

- getting in the way of mobile equipment
- contamination of materials
- foreign matter being included in selected waste
- waste materials mixed with recyclables/re-usables
- incompatible waste materials placed together.

Known solutions are drawn from one or more of:

- procedures
- training
- remembered experience.

Non-routine problems must be reported according to according to relevant procedures.

## **Unit Mapping Information**

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## **Links**

MSA Training Package Implementation Guides - <http://mskills.org.au/training-packages/info/>