



Australian Government

CPPWMT3007 Process waste using plant

Release: 1

CPPWMT3007 Process waste using plant

Modification History

Release 1 This version first released with CPP Property Services Training Package Release 10.0.

Supersedes but is not equivalent to:

- CPPWMT3016A Operate waste processing plant
- CPPWMT3038A Process waste.

Application

This unit specifies the skills and knowledge required to operate plant to process waste. It includes identifying waste types, ensuring the absence of non-conforming waste streams and selecting and using suitable processing methods. It also includes following manufacturer instructions to operate processing plant, and monitoring plant gauges, warning devices, inputs and outputs to ensure optimal operation and safety.

A person who achieves this unit of competency is expected to take responsibility for completing these tasks with a high degree of self-direction.

This unit forms part of the licensing requirements for operating plant and equipment used in waste management. For further information, check with the relevant regulatory authority.

Pre-requisite Unit

Nil.

Unit Sector

Waste management

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

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|-----------------------------|--|
| 1 Prepare to process waste. | 1.1 Review job schedule to identify operational requirements for waste processing and clarify issues with relevant persons. |
| | 1.2 Review workplace policies and procedures and work health and safety (WHS) requirements for operating waste processing plant and apply to work tasks. |

- 1.3 Select and organise equipment, materials and personnel required for processing operation according to workplace requirements.
 - 1.4 Select, check and use personal protective equipment appropriate for work activities.
 - 1.5 Identify hazards and risks associated with work activities and implement required controls according to workplace WHS requirements.
 - 1.6 Inspect waste to identify types for processing and confirm the absence of non-conforming waste streams.
 - 1.7 Select processing method and confirm suitability for waste types according to workplace requirements.
- 2 Conduct pre-operational checks of plant and equipment.
 - 2.1 Conduct pre-start and maintenance checks of plant and associated equipment following manufacturer instructions.
 - 2.2 Test operational equipment to confirm correct functioning following manufacturer instructions.
- 3 Process waste.
 - 3.1 Advise relevant persons of impending plant operation to ensure safety and readiness for operation.
 - 3.2 Start and operate plant following manufacturer instructions and workplace requirements.
 - 3.3 Monitor gauges and warning devices to ensure optimal and continuous plant operation and identify potential hazards.
 - 3.4 Monitor waste inputs and processed outputs to ensure constant flow and make required adjustments to ensure safe and efficient operations.
 - 3.5 Maintain communication with relevant persons to ensure safety during plant operation according to workplace requirements.
 - 3.6 Check and test waste during processing to ascertain stage of completion and further processing requirements.

	3.7	Identify faults and/or hazardous situation and respond immediately according to workplace requirements.
4 Finalise waste processing and complete documentation.	4.1	Shut down plant following manufacturer instructions and workplace requirements.
	4.2	Clean plant and associated equipment to remove debris and contamination and ensure readiness for future operation according to workplace requirements.
	4.3	Complete waste processing documentation according to workplace and regulatory requirements.

Foundation Skills

This section describes the language, literacy, numeracy and employment skills essential to performance in this unit but not explicit in the performance criteria:

- numeracy skills to interpret numerical information in gauges.

Unit Mapping Information

Supersedes but is not equivalent to:

- CPPWMT3016A Operate waste processing plant
- CPPWMT3038A Process waste.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>

Assessment Requirements for CPPWMT3007 Process waste using plant

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Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by processing waste using plant on two separate occasions.

Knowledge Evidence

To be competent in this unit, a candidate must demonstrate knowledge of:

- legislative and procedural requirements applicable to process waste and relevant to the workplace:
 - commonwealth, state and territory legislation and regulations in the state or territory of operation including work health and safety (WHS)
 - licence requirements for workplace operations
- methods for optimal waste processing and faults which may cause hazards and affect the quality of processed waste
- non-conforming waste streams
- types and purpose of safety structures and controls on waste processing plant
- types of plant and equipment used to process waste
- pre-start, start-up, shut-down, isolation and maintenance procedures for plant used to process waste
- typical hazards encountered when processing waste using plant and equipment
- waste processing objectives and techniques
- waste types
- workplace policies and procedures for processing waste using plant:
 - documentation and reporting
 - processing equipment operation and maintenance
 - WHS:
 - hazard identification, risk assessment and control using the hierarchy of control
 - injury, dangerous occurrence and incident response and reporting

- personal protective equipment
- signalling techniques and communication processes required to maintain safety while operating plant.

Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations.

Assessment must be conducted in the workplace or in a simulated workplace environment using realistic workplace conditions, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

Candidates must have access to workplace policies and procedures, job schedules and documentation, manufacturer instructions, waste processing plant, equipment and consumables required to achieve the performance evidence.

Links

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