

Unit of Competency CPPHES4008

Assess household waste generation and waste management improvements

Application

This unit specifies the skills and knowledge required to collect and analyse information on household waste and advise on ways to reduce waste and improve waste management in the home.

This unit is for individuals who work independently as home sustainability assessors using specialised knowledge to complete household waste assessments. It involves completing routine and non-routine tasks and dealing with predictable and sometimes unpredictable problems.

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

Prerequisite Unit

None.

Competency Field

Home Sustainability.

Elements and Performance Criteria

1. Plan and organise waste assessment.	<ul style="list-style-type: none">1.1 Consult with client to clarify purpose of waste assessment and respond to questions to clarify issues and concerns.1.2 Confirm assessment requirements in line with client needs, legislation, regulations, standards, codes and government incentive programs for household waste management.1.3 Plan waste assessment in consultation with client and according to work health and safety (WHS) procedures.1.4 Prepare waste assessment documentation and identify local waste collection methods and recycling centres.1.5 Confirm that required tools and equipment are available and in working order.
2. Compile information on household waste generation and management.	<ul style="list-style-type: none">2.1 Gather information from client and onsite inspection to identify source, types and volume of waste generated by household and waste management practices.2.2 Identify current waste management practices.2.3 Select and fit required personal protective equipment (PPE).2.4 Carry out measurements and observations during on-site inspection to confirm characteristics and quantity of main types of household waste.2.5 Gather information on household occupant behaviours and preferences that impact waste generation and management.2.6 Record gathered information using suitable data collection tool.

3. Analyse options for reducing household waste and improving waste management.	3.1 Identify waste streams in household waste. 3.2 Source information on household waste management strategies and evaluate suitability for use in residence. 3.3 Identify government rebates and other assistance programs for household waste reduction and management. 3.4 Evaluate options for improving waste management and potential impact on household. 3.5 Estimate waste volume and emission savings for reductions in waste generation and improvements in waste management.
4. Report findings of household waste assessment.	4.1 Collate results, recommendations and supporting evidence of waste assessment. 4.2 Document options and prioritise recommendations for waste management improvements. 4.3 Explain and discuss report and improvements in household waste management with client.

Foundation Skills

Candidates require:

- oral communication skills to interact with clients from diverse social, economic and cultural backgrounds
- numeracy skills to calculate number, percentage, volume and weight of waste quantities and use measuring tools.

Unit Mapping Information

Supersedes and equivalent to CPPHSA4002A Assess household waste generation and management.

Links

Companion Volume Implementation Guide:

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>

Assessment Requirements for CPPHES4008

Assess household waste generation and waste management improvements

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by safely conducting waste assessments and identifying waste management improvements for three different households.

Knowledge Evidence

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

- forms of household waste:
 - landfill waste
 - recyclables
 - soft plastics
 - organics
 - e-waste
 - hard waste
 - hazardous waste
 - clothing
- hazards and risks and types of personal protective equipment (PPE) to be used when conducting on-site assessments of household waste
- impact of attitudes, behaviours and preferences of household members on waste generation and management
- municipal waste and recycling requirements
- options for reducing waste and improving household waste management:
 - behaviour change
 - recycling
 - reducing
 - reusing
- relationship between waste and greenhouse gas emissions
- relevant codes, standards, regulations and government rebates and incentive programs for household waste management
- sampling and recording techniques used when conducting household waste assessments
- safe work requirements for on-site assessments of household waste
- strategies for improving household waste management
- techniques for gathering information and measuring household waste
- trends in household waste and factors impacting on those trends
- types, streams and characteristics of household waste
- visual assessment and measurement techniques used when assessing household waste.

Assessment Conditions

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

This unit must be assessed in the workplace or a close simulation using realistic workplace conditions, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

Candidates must have access to:

- residential buildings to allow achievement of the performance evidence
- codes, standards, legislation and government programs relevant to household waste management
- technical information on household waste reduction and management
- PPE and data collection tools and documentation.

Links

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