



**Australian Government**

# **CPCCE4007 Manage waste streams**

**Release: 2**

## CPCCE4007 Manage waste streams

### Modification History

- Release 2 Updated reference to general construction induction training program.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
- New unit.

### Application

This unit of competency specifies the skills and knowledge required to implement waste recovery practices in the demolition industry.

It includes planning and preparing for work, identifying the types of waste to be recovered, locating and engaging cyclers or reprocessors and completing clean-up activities.

Completion of the general construction induction training program specified by the model Code of Practice for Construction Work is required for any person who is to carry out construction work. Achievement of *CPCWHS1001 Prepare to work safely in the construction industry* meets this requirement.

Licensing, legislative, regulatory or certification requirements apply to demolition work in different states and territories. Candidates are advised to consult with the relevant regulatory authorities.

### Pre-requisite Unit

Nil.

### Unit Sector

Demolition.

### Elements and Performance Criteria

Elements describe the essential outcomes.

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

- |                              |                                                                                                                                                           |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 Plan and prepare for work. | 1.1 Obtain, confirm and apply work instructions, including plans, specifications, quality requirements and operational details from required information. |
|                              | 1.2 Complete tasks according to manufacturer specifications                                                                                               |

- and regulatory, legislative and workplace policies and requirements.
- 1.3 Follow safety requirements in accordance with safety plans and policies.
  - 1.4 Identify and implement signage and barricades.
  - 1.5 Select tools and equipment to carry out tasks that are consistent with the requirements of the job, check for serviceability and rectify and report any faults prior to commencement.
  - 1.6 Identify, prepare and safely handle materials appropriate to the work application and position ready for use.
  - 1.7 Identify environmental requirements for the project.
  - 1.8 Identify the different possible waste streams for the project.
  - 1.9 Identify appropriate disposal locations for each identified waste stream.
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- 2 Select and use appropriate demolition practices.
    - 2.1 Determine and use demolition practices to increase the recovery of materials for recycling and reuse.
    - 2.2 Adjust timelines to take into account additional time required for salvage operations.
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- 3 Identify and sort waste to be recovered.
    - 3.1 Determine waste products to be re-used, recycled or recovered.
    - 3.2 Confirm worksite procedures for segregating and locating recyclable and waste demolition materials with relevant personnel.
    - 3.3 Identify and handle hazardous, dangerous and non-conforming waste.
    - 3.4 Segregate waste into categories according to waste characteristics and reprocessor requirements.
    - 3.5 Set aside waste in a safe, secure and accessible location to await collection or processing.

- |                                                         |                                                                       |
|---------------------------------------------------------|-----------------------------------------------------------------------|
| 4 Identify and engage waste recyclers and reprocessors. | 4.1 Determine reprocessing site or contractor.                        |
|                                                         | 4.2 Engage reprocessor, as required.                                  |
|                                                         | 4.3 Coordinate collection of materials to be recycled or reprocessed. |

## Foundation Skills

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

## Unit Mapping Information

No equivalent unit.

## Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>

# Assessment Requirements for CPCCE4007 Manage waste streams

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## Performance Evidence

To demonstrate competency in this unit, a candidate must identify the different waste streams for a demolition project and supervise the segregation and disposal of the different waste streams. The candidate must provide evidence of:

- the initial audit/identification process
- the waste management tracking system, including the identified end use location of each waste stream.

## Knowledge Evidence

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

- the compliance requirements of the relevant Australian Standards, Building Code of Australia (BCA), model codes of practice, environmental and work health and safety (WHS) legislation
- Australian and New Zealand Government Framework for Sustainable Procurement
- demolition methods:
  - impacts on recovery methods
  - impacts on recovery costs
  - types
- workplace hazards:
  - asbestos
  - chemicals
  - fuel
  - falling objects
  - flying debris
  - structural composition hazards
  - services hazards
  - fire or explosion risk

- traffic
- materials for recovery:
  - clay
  - ferrous metals
  - glass
  - masonry:
    - bricks
    - concrete
  - natural aggregate
  - non-ferrous metals
  - paper and cardboard
  - plasterboard
  - plastic
  - steel
  - textiles
  - timber
- salvage:
  - process
  - effect on project timelines
- requirements under relevant state or territory legislation
- types of loads:
  - mixed loads
  - source separated.

## Assessment Conditions

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

Assessment of performance must be undertaken in the workplace or in a simulated workplace environment.

Assessors are responsible for ensuring that the candidate demonstrating competency has access to:

- worksite/s specifications
- appropriate documents, materials, tools, equipment and personal protective equipment (PPE) currently used in industry
- requirements of workplace policies, procedures and demolition plans.

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