



**Australian Government**

# **CPCCB4021 Minimise waste on the building and construction site**

**Release: 2**

# CPCBC4021 Minimise waste on the building and construction site

## Modification History

Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.4.

Correction to Training Package title in the Modification History from CPC Property Services to CPC Construction, Plumbing and Services Training Package.

Release 1 This version first released with CPC Property Services Training Package Release 5.0.

Supersedes and is equivalent to CPCBC4021A Minimise waste on the building and construction site. Updated to meet the Standards for Training Packages 2012.

## Application

This unit of competency specifies the skills and knowledge required to support sustainable building practices by minimising waste removed from residential or commercial building and construction sites. It includes planning a waste minimisation strategy, calculating cost benefits and implementing alternative waste minimisation systems.

This unit of competency applies to builders, site managers and forepersons, and estimators in the building and construction industry responsible for managing compliance with waste regulations and minimising waste on construction sites.

This unit of competency is suitable for those using specialised knowledge to complete routine and non-routine tasks and using their own judgement to deal with predictable and sometimes unpredictable problems.

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.

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

## Pre-requisite Unit

Nil.

## Unit Sector

Building and Construction

## 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 a waste management strategy.               | 1.1 Identify current government and council environmental requirements for managing and minimising building waste.   |
|   | 1.2 Research environmental guidelines and standards and develop an alternative waste management strategy to support the building and construction project.   |
|   | 1.3 Calculate costs, potential savings and advantages of a waste management strategy and negotiate with client.  |
|   | 1.4 Establish effective communication with the architect, designer, engineer and other relevant professionals to ensure project plans incorporate waste minimisation strategies.                     |
| 2 Manage materials procurement to minimise waste. | 2.1 Evaluate building and construction materials to identify high quality and more durable materials that will extend the life of the structure and simplify its future extension and refurbishment. |
|   | 2.2 Use recycled materials where appropriate that meet regulatory and standards' restrictions.   |
|   | 2.3 Develop procurement specifications that seek to minimise packaging waste.  |
| 3 Manage the building process to reduce waste.    | 3.1 Determine and use demolition practices to increase the recovery of materials for recycling and reuse.  |
|   | 3.2 Adopt strategies to minimise the volume of site excavation and other materials that are disposed of in landfill.   |
|   | 3.3 Adopt litter abatement strategies on site.   |

- 3.4 Plan and implement safe and environmentally effective disposal of unavoidable waste.

## **Foundation Skills**

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

## **Unit Mapping Information**

Supersedes and is equivalent to CPCBC4021A Minimise waste on the building and construction site.

## **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>