# Unit of Competency CPCCCM2004 Handle construction materials

## Application

This unit of competency specifies the skills and knowledge required to safely handle and store commonly used construction materials manually or in preparation for mechanical handling.

The unit is suitable for those with basic skills and knowledge undertaking routine work tasks under the direction of more experienced workers.

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 unit CPCCWHS1001 *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.

## Prerequisite Unit

CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry.

## Elements and Performance Criteria

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| 1. Prepare to handle construction materials. | 1.1 | Review work instructions to handle construction materials. |
| | 1.2 | Prepare all work to comply with laws and regulations, national construction codes, Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications and safety data sheets (SDS), workplace requirements, drawings and specifications. |
| | 1.3 | Select and use personal protective equipment (PPE) for each part of the task. |
| | 1.4 | Select tools and equipment, check for serviceability and report any faults. |
| 2. Manually handle, sort, stack and store construction materials. | 2.1 | Sort materials to suit material type, size and safety requirements, including SDS. |
| | 2.2 | Apply safe manual handling techniques to move materials to specified location or to stack and secure materials for mechanical handling in accordance with the type of material and equipment to be used. |
| | 2.3 | Stack materials clear of access ways and for ease of identification, retrieval, task sequence and task location. |
| | 2.4 | Protect materials against physical and water damage. |
| | 2.5 | Apply procedures to ensure no cross-contamination of materials. |
| | 2.6 | Identify and isolate hazardous materials for separate handling. |

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| | 2.7 | Apply dust suppression procedures to minimise health risk. |
| 3. Clean up. | 3.1 | Clean up, meeting all legislative and workplace requirements for safety, waste disposal and materials handling. |
| | 3.2 | Check, maintain and store tools and equipment and report any faults. |

## Foundation skills

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

## Unit Mapping Information

Supersedes and equivalent to CPCCCM2004A Handle construction materials.

## Links

Companion Volume Implementation Guide:
https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad

# Assessment Requirements for CPCCCM2004 Handle construction materials

## Performance Evidence

To demonstrate competency, a candidate must satisfy all the elements, performance criteria and foundation skills of this unit by handling construction materials for three different tasks, including:

- safely handling, sorting and stacking:
  - varying lengths of timber or similarly-proportioned materials
  - different sizes and types of sheet material
  - bagged materials
  - simulated hazardous materials
- preparing the following for mechanical handling:
  - varying lengths of timber or similarly-proportioned materials
  - different sizes and types of sheet material.

All work must be performed to the standard required in the workplace and must comply with work health and safety (WHS) and environmental requirements, manufacturers' specifications and workplace requirements.

## Knowledge Evidence

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

- requirements of Commonwealth and state or territory work health and safety (WHS) legislation relevant to handling construction materials
- safety data sheets
- workplace quality policies and standards for handling construction materials
- safety requirements for handling construction materials
- methods of securing materials for mechanical handling
- types and uses of tools and equipment for handling construction materials:
  - hammers
  - pallets
  - pallet jacks
  - pinch bars
  - tin snips
  - wheelbarrows
  - hand trolleys
- requirements, including personal protection equipment, and processes for safely manually handling each of the following materials:
  - insulation
  - joinery units
  - metal sheeting
  - paints and sealants
  - plaster or fibre cement sheeting
  - reinforcement materials

    - scaffolding components
    - structural steel sections and components
    - timber
    - hazardous materials
- methods of handling construction materials:
    - material size, weight or shape factors necessitating the assistance of other workers
    - correct lifting and carrying techniques, use of pallets and control of waste
    - preparation for mechanical handling, including the use of forklifts, pallet jacks and trucks.

## Assessment Conditions

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

This unit must be assessed while undertaking workplace tasks:

- in the workplace or a close simulation of the workplace environment, provided that simulated or project-based assessment techniques replicate construction workplace conditions, materials, activities, responsibilities and procedures
- using realistic tasks or simulated tasks, relevant specifications and work instructions, standard work practices, safety requirements and environmental constraints.

## Links

Companion Volume Implementation Guide:
https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad