

Unit of Competency CPCCCA3014

Construct and install bulkheads

Application

This unit of competency specifies the skills and knowledge required to construct bulkheads for decorative purposes, to contain fittings, such as range hoods and cupboards, to conceal services, and to help facilitate changes in ceiling heights, meeting all relevant requirements of the National Construction Code (NCC), Australian Standards, work health and safety (WHS), and Commonwealth and state or territory legislation.

The unit includes preparing for sheeting bulkheads with plasterboard, lining boards, reconstituted timber products and metal or plastic decorative panels; and installation of bulkheads which may be hung from, incorporated into, or fastened onto a structure in situ.

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 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

1. Plan and prepare.	1.1	Read and interpret work instructions and plan sequence of work.
	1.2	Plan all work to comply with laws and regulations, the National Construction Code (NCC), Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications, workplace requirements, drawings and specifications.
	1.3	Select tools and equipment, check for serviceability and report any faults.
	1.4	Select and use personal protective equipment (PPE) for each part of the task.
	1.5	Inspect work site, locate services, assess hazards and apply risk controls, including required signage and barricades.
	1.6	Identify materials required for task, calculate quantities, handle safely and prepare and position ready for use.
2. Fabricate bulkhead components.	2.1	Set out bulkhead.
	2.2	Cut bulkhead trimmers and plates to set out.
3. Install bulkhead components.	3.1	Select fasteners to support the weight of the bulkhead.
	3.2	Assemble bulkhead, fix to position and specification.
4. Install pre-manufactured bulkheads.	4.1	Set out pre-manufactured bulkhead sections.
	4.2	Use fasteners as specified by frame manufacturer.

	4.3	Fix to position and specification.
5. Clean up	5.1	Clean up, meeting all legislative and workplace requirements for safety, waste disposal and materials handling.
	5.2	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 is equivalent to CPCCCA3014A Construct bulkheads.

Links

Companion Volume Implementation Guide:

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>

Assessment Requirements for CPCCCA3014 Construct and install bulkheads

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by:

- constructing and installing:
 - one straight bulkhead framed in timber or steel measuring a minimum of 2 m width, 300 mm height and 300 mm depth
 - one curved bulkhead framed in timber or steel measuring a minimum of 2 m width, 300 mm height and 300 mm depth
- installing a pre-manufactured bulkhead measuring a minimum of 2 m width, 300 mm height and 300 mm depth.

Knowledge Evidence

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

- compliance requirements of the National Construction Code and Australian Standards relevant to constructing and installing bulkheads
- workplace quality policies and standards relevant to constructing and installing bulkheads
- safety requirements relevant to constructing and installing bulkheads
- purposes of bulkheads:
 - decoration, to contain fittings (bar hoods and cupboards) and help facilitate changes in height to ceilings
 - services
 - range hoods
- materials and methods used to construct and install bulkheads
- application of curved geometry in the construction of bulkheads
- load and anchor capacities for bulkheads
- use of plans, specifications and drawings when constructing and installing bulkheads
- types and uses of tools and equipment used to construct and install bulkheads
- processes for setting out and measuring materials used to construct bulkheads
- processes for calculating material requirements for constructing and installing bulkheads.

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 and standards, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

Links

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