

Unit of Competency CPCCCA3008

Construct eaves

Application

This unit of competency specifies the skills and knowledge required to prepare, set out and construct eaves, including the cutting and fixing of timber fascias and barges to provide a finish between the wall and the roof, 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:

- installing steel fascias
- construction of boxed and raked eaves
- finishing of gable ends including verge and flush.

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.	<p>1.1 Read and interpret work instructions and plan sequence of work.</p> <p>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.</p> <p>1.3 Select tools and equipment, check for serviceability and report any faults.</p> <p>1.4 Select and use personal protective equipment (PPE) as required for each stage of the task.</p> <p>1.5 Inspect work site, locate services, assess hazards and apply risk controls, including required signage and barricades.</p> <p>1.6 Select materials required for task, calculate quantities, handle safely and prepare and position ready for use.</p>
2. Construct framework for eaves or soffits.	<p>2.1 Determine eaves design from drawings and specifications and set out and fix framework.</p> <p>2.2 Set out, mark and cut timber and steel framework members to lengths for framework structure.</p> <p>2.3 Construct boxed eaves with soffit bearers and fix to line and level to wall frame or support by hangers from rafters.</p>

	2.4	Set-out and install steel eave supports.
3. Line and clad eaves and soffits.	3.1	Mark and cut eaves cladding and sheeting material to shape to suit task application and jointing methods.
	3.2	Fit, join and fix eaves lining, cladding and soffits using methods for type of material and task application.
	3.3	Fit and fix mouldings to finish eaves.
	3.4	Fit raked eaves to rafters or framing.
4. Clean up.	4.1	Clean up, meeting all legislative and workplace requirements for safety, waste disposal and materials handling.
	4.2	Check, maintain and store tools and equipment and rectify or 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 CPCCCA3008B Construct eaves.

Links

Companion Volume Implementation Guide:

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

Assessment Requirements for CPCCCA3008 Construct eaves

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by marking and cutting roof members to line to accommodate plumb fascia and barge and constructing:

- three metres of timber verge gable eaves
- three metres of timber boxed gable eaves
- three metres of timber boxed eaves
- three metres of timber raked eaves
- three metres of metal fascia with hangers.

In constructing these timber eaves, the following must be included:

- an apex junction on the barge board
- a junction between the barge board and the plumb fascia
- a junction of the fascias and eave lining at the valley
- a junction of the fascias and eave lining at the hip.

Knowledge Evidence

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

- compliance requirements of the National Construction Code (NCC) and Australian Standards relevant to constructing eaves, including AS 1684 Residential timber-framed construction and the National Association of Steel-framed Housing (NASH) Standards
- workplace quality policies and standards relevant to constructing eaves
- safety requirements for constructing eaves
- construction techniques for eave fascia and soffit
- eaves design:
 - sloping soffits and boxed eaves
 - verandas, concealed gutters and open eaves
- materials for constructing eaves:
 - beads
 - sheeting
 - joining mould
 - steel
 - quads
 - timber and steel fascia
 - roof battens
 - timber lining boards
- levelling techniques for constructing eaves
- plans, specifications and drawings for constructing eaves
- types and uses of tools and equipment for constructing eaves

- processes for the calculation of material requirements for constructing eaves
- timber shrinkage and required clearances for various constructions
- geometry for constructing eaves.

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.

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