

Unit of Competency CPCCJN2001

Assemble components

Application

This unit of competency specifies the skills and knowledge required to assemble manufactured components to form a completed constructed unit, meeting all relevant requirements of Australian Standards, work health and safety (WHS), and Commonwealth and state or territory legislation.

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 *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.	<ul style="list-style-type: none">1.1 Read and interpret work instructions and plan sequence of work.1.2 Plan all work to comply with laws and regulations, 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 Select materials required for task, calculate quantities, handle safely and prepare and position ready for use.
2. Assemble and hold components in place.	<ul style="list-style-type: none">2.1 Select component parts for assembly and prepare hardware.2.2 Select and use packing material for protection of surfaces during assembly.2.3 Apply adhesive according to specifications.2.4 Locate and hold components in their designed assembled positions.
3. Secure assembled components.	<ul style="list-style-type: none">3.1 Secure frame or unit using appropriate assembly methods.3.2 Secure fastened joints by fasteners or hardware.
4. Finish assembly and clean up.	<ul style="list-style-type: none">4.1 Dismantle assembly and holding system.4.2 Clean up, meeting all legislative and workplace requirements for safety, waste disposal and materials handling.4.3 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 CPCCJN2001A Assemble components.

Links

Companion Volume Implementation Guide:

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

Assessment Requirements for CPCCJN2001 Assemble components

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by assembling components to complete three of the following assembled units:

- door frame
- window frame
- door
- louvres
- fitments, including cupboards, counters, shelving and robes
- shopfront
- stairs
- window sash.

Knowledge Evidence

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

- compliance requirements of Australian Standards relevant to assembling components
- workplace quality policies and standards for assembling components
- safety requirements for assembling components
- types and uses of tools and equipment for assembling components
- processes for assembling constructed units:
 - door frames
 - window frames
 - doors
 - louvres
 - fitments, including cupboards, counters, shelving and robes
 - shopfronts
 - stairs
 - window sashes
- assembly methods using the following:
 - clamps
 - cramps
 - packers and wedges
 - presses.

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

Companion Volume Implementation Guide:

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