

Unit of Competency CPCCJN3004

Manufacture and assemble joinery components

Application

This unit of competency specifies the skills and knowledge required to carry out machining and manufacturing and assembling joinery components, meeting all relevant requirements of Australian Standards, work health and safety (WHS), and Commonwealth and state or territory legislation.

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 workplace, assess hazards and apply risk controls.1.6 Select materials required for task, calculate quantities, handle safely and prepare and position ready for use.
2. Manufacture components.	<ul style="list-style-type: none">2.1 Determine types of component parts from working drawings and specifications.2.2 Select processes for manufacture, joining techniques and components.2.3 Select machines to be used and plan sequence of machining.2.4 Check safety requirements for each machine for compliance with WHS requirements and AS 1473 Guarding and safe use of woodworking machinery.2.5 Determine space requirements for manufacture of components.2.6 Use machine to manufacture components to working drawings and specifications.
3. Assemble components.	<ul style="list-style-type: none">3.1 Check components for accuracy, quality and suitability by dry-assembling components in their assembled positions.3.2 Assemble and secure components using adhesive and mechanical fasteners to specification.3.3 Check assembled units for square, free of wind and with adhesive removed.

4. Check and assembled units and prepare for packaging.	4.1 Inspect assembled units for faults and take appropriate remedial action. 4.2 Make units ready for packaging by protecting material edges and surfaces and stacking.
5. Clean up.	5.1 Clean up, meeting all legislative and workplace requirements for safety, waste disposal, recycling and re-use 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 CPCCJN3004A Manufacture joinery components.

Links

Companion Volume Implementation Guide:

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

Assessment Requirements for CPCCJN3004

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Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by manufacturing and assembling joinery components for two of the following:

- an opening sash and window frame
- a multi panelled door and frame
- a carcass unit or similar including door/s and drawer/s.

Knowledge Evidence

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

- compliance requirements of Australian Standards relating to all aspects of manufacturing and assembling joinery components, including AS 1473 Guarding and safe use of woodworking machinery
- workplace quality policies and standards for manufacturing and assembling joinery components
- job safety analyses (JSAs), safe work method statements (SWMSs) and safety data sheets (SDSs)
- safety requirements for manufacturing and assembling joinery components
- environmental requirements for manufacturing and assembling joinery components
- types and uses of machines, tools and equipment required for manufacturing and assembling joinery components
- types of knock-down fittings and traditional joints.

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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