



Australian Government

Assessment Requirements for CPCCJN3003 Manufacture components for doors, windows and frames

Release: 3

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Modification History

- Release 3 Updated reference to general construction induction training program.
- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.
Performance Evidence formatted for clarity.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
Supersedes and is equivalent to CPCCJN3003A Manufacture components for doors, windows and frames. Updated to meet the Standards for Training Packages 2012.

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by machining, dry-assembling and finishing components for:

- a four-panelled door and door frame
- a four-light operable sash and frame.

In performing these tasks, the candidate must:

- prepare and assemble the following components:
 - door stops
 - jambs
 - mullion
 - panels
 - sills/threshold
 - styles
 - top, bottom and mid rail
 - glazing bars
- use the following machines:
 - band saws
 - docking saws
 - rip saws
 - panel saw
 - planing machines:

- surface planer
- thicknesser
- shaping machines
- joining machines:
 - mortising
 - tenoning
- sanding machines:
 - finisher
 - wide belt/stroke.

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 manufacturing door and window components
- workplace quality policies and standards relevant to manufacturing door and window components
- safety requirements for manufacturing door and window components
- processes and techniques used to manufacture door and window components, including to:
 - set out door and window components:
 - door stops
 - jambs
 - mullion
 - panels
 - sills/threshold
 - styles
 - top, bottom and mid rail
 - glazing bars
 - produce cutting lists
- material identification marking systems used when manufacturing door and window components
- properties, performance and limitations of different types of timber available for manufacturing doors and window components:
 - plastic covered timber-cored material
 - raw timber
- range, type and characteristics of materials used to manufacture door and window components
- types and uses of machines, tools and equipment required to manufacture door and window components:
 - band saws

- docking saws
- rip saws
- panel saw
- planing machines:
 - surface planer
 - thicknesser
- shaping machines
- multi-head moulding machines
- joining machines:
 - mortising
 - tenoning
 - horizontal borer
- sanding machines:
 - disk sander
 - finisher
 - wide belt/stroke
- processes for operating machines:
 - setting up processes
 - safety checking, fault finding and rectification
 - monitoring machine processes
 - cleaning and maintaining machines in accordance with manufacturers' specifications.

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 reflecting workplace conditions and standards, materials, equipment, activities, responsibilities, procedures, safety requirements and environmental considerations.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>