



**Australian Government**

# **CPCCJN3005 Cut and install glass**

**Release: 1**

# CPCCJN3005 Cut and install glass

## Modification History

Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is equivalent to CPCCJN3005A Cut and install glass. Updated to meet the Standards for Training Packages 2012.

## Application

This unit of competency specifies the skills and knowledge required to manually cut glass in a straight line to form simple shapes and install glass in joinery structures, meeting all relevant requirements of the National Construction Code (NCC), 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.

## Pre-requisite Unit

CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry

## Unit Sector

Carpentry and Joinery

## Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

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|---------------------|--|
| 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 Select materials required for task, calculate quantities, handle safely and prepare and position ready for use.
- 2 Cut glass to a straight line.
- 2.1 Select type, size and thickness of glass for application (thickness less than 6.38mm) and determine location from drawings, specifications and glazing schedule and in accordance with AS 1288 Glass in building - Selection and installation.
  - 2.2 Inspect openings to receive glass for obstructions and clearances.
  - 2.3 Select cutting process in accordance with AS 4667 Quality requirements for cut to size and processed glass and cut glass to specification on a line using straight edge and scoring and breaking to run cut to tolerance of AS 4667.
  - 2.4 Cut glass sheets to the most economical layout, identifying cutting defects and taking corrective action in accordance with AS 4667.
- 3 Cut glass to simple shapes.
- 3.1 Select type, size and thickness of glass for application and mark and prepare template to designed shape and requirements of AS 1288.
  - 3.2 Use template and marker to transfer outline onto glass.
  - 3.3 Cut glass to shape and size to specification and remove glass offcuts safely in accordance with AS 4667.
  - 3.4 Cut glass sheets to the most economical layout, identifying cutting defects and taking corrective action in

accordance with AS 4667.

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|---|---------------------------|-----|---|
| 4 | Install glass to joinery. | 4.1 | Prepare frame for installation of glass.  |
|   |                           | 4.2 | Confirm dimensions of frame are adequate for installation of glass.   |
|   |                           | 4.3 | Install glass to frame.   |
|   |                           | 4.4 | Clean glass surface and surrounding frame and remove waste material.  |
| 5 | Clean up.                 | 5.1 | Clean up, meeting all legislative and workplace requirements for safety, waste disposal and materials handling, including handling glass. |
|   |                           | 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 CPCCJN3005A Cut and install glass.

## 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>