



Australian Government

**Assessment Requirements for MSFGG2011
Glaze and reglaze residential windows and
doors**

Release: 1

Assessment Requirements for MSFGG2011 Glaze and reglaze residential windows and doors

Modification History

Release 1. Supersedes and is equivalent to MSFGG2008 Glaze and re-glaze residential windows and doors.

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and:

- performed each of the following tasks at least once:
 - cut glass in accordance with Australian Standard AS1288
 - calculated glazing clearance and cutting size
 - hacked out and/or removed beads and glass safely from timber windows and doors
 - prepared glazing rebates and channels prior to installation
 - removed and disassembled aluminium window sashes and doors and removed glass safely
 - installed and/or adjusted unique, spiral or spring balances on double hung windows
 - taken template and glazed irregular shaped openings
- glazed or reglazed each of the following at least once in accordance with AS1288:
 - timber putty faced window sashes or door panel
 - timber beaded:
 - sidelight
 - fixed panel
 - pivot or hinged or bi-fold doors
 - aluminium framed channel glazed door or window
 - aluminium framed beaded door or window with wedge rubbers
 - louvre blades.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- relevant Australian Standards, their purpose and key provisions:
 - AS 1288: Glass in buildings - Selection and installation
 - AS/NZS 2208: Safety glazing materials in buildings
 - AS/NZS 4667: Quality requirements for cut-to-size and processed glass
- organisational customer communication standards and protocols
- workplace safety system requirements related to the glazing of window and doorframes

- work flow requirements in relation to fitting glass
- qualities and characteristics of glass, including hazards and handling requirements for:
 - annealed glass
 - coated glass and insulated glass units
 - laminated glass patterned glass
 - tinted and heat reflective glass
 - toughened glass
 - wired glass
- qualities and characteristics of different frame types and how this impacts the glazing process, including:
 - plastic
 - aluminium
 - steel
 - solid timber
- factors that affect the fixing of glass and how this impacts on work, including:
 - compliance
 - specification
 - type of glass and frame
 - security requirements for specific locations
 - sealing methods
- types, characteristics, safe use, maintenance and limitations of tools, equipment and materials, including:
 - glass handling and lifting equipment
 - hack-out knives
 - nail punches
 - pop rivet guns
 - pry bars
 - putty knives
 - rubber mallets
 - sealant guns
 - spiral balancer
 - sprig and/or diamond guns
 - tape measures
 - tungsten wheel glass cutters
 - vinyl cutters and rollers
- types, characteristics, safe use and limitations of other materials, including:
 - adhesives
 - gaskets
 - glazing tapes
 - sealants

- setting blocks
- factors for consideration for products that include sash cords
- glazing techniques for window and door frames, the types of problems that may occur and how to avoid and respond, including:
 - channel glazing
 - beaded glazing
 - double glazing
 - heal and toe glazing
- quality indicators for glazed windows and doors
- documentation requirements for completed glazing work.
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Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - locations and/or frames requiring glazing and reglazing
 - frames and glass as specified in the Performance Evidence
 - equipment, tools and materials to perform tasks specified in Performance Evidence
 - work orders
 - workplace procedures.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>