



Australian Government

MSFGG3029 Assess glass and glazing requirements

Release: 1

MSFGG3029 Assess glass and glazing requirements

Modification History

Release 1. Supersedes and is equivalent to MSFGG3002 Assess glass and glazing requirements.

Application

This unit describes the skills and knowledge required to determine and evaluate residential glass and glazing requirements against the requirements of relevant Australian Standards.

This unit applies to glaziers, who apply specialised knowledge in determining compliance requirements for glass and glazing products.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Pre-requisite Unit

N/A

Unit Sector

Glass and Glazing

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for assessment	1.1 Review work documentation and identify customer requirements and expectations regarding glass and glazing work 1.2 Identify and follow work health and safety requirements 1.3 Accurately record requirements in accordance with workplace procedures and requirements 1.4 Access and review research materials relevant to the assessment
2. Conduct assessment	2.1 Identify influencing factors and their significance, and determine impact on the end product 2.2 Identify products and/or types of glass and determine their application 2.3 Identify optimal solution and confirm specifications

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
3. Document outcomes	3.1 Accurately document outcomes of assessment in accordance with workplace procedures 3.2 Use outcomes to plan and complete work that meets all compliance requirements

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 MSFGG3002 Assess glass and glazing requirements.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for MSFGG3029 Assess glass and glazing requirements

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Performance Evidence

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

- assessed glazing requirements and developed solutions that meet the requirements of Australian Standards AS 1288, AS 2208 and AS/NZS 4668 where requirements individually or cumulatively present situations that involve:
 - at least 4 different types of glazing
 - safety glazing requirements, including thickness and materials limitations
 - impacts of human activity
 - wind loading requirements
 - installation parameters.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- Australian Standards, their purpose and key provisions:
 - AS 1288 (sections 1, 4, 5 and 8 plus overview of 6,7 and 9)
 - AS/NZS 2208 (overview all sections)
 - AS/NZS 4667 (overview all sections)
- mathematical procedures for estimation and measurement
- the assessment process and factors that influence assessment, including impacts of:
 - wind
 - humans
- formats and required inclusions for glass and glazing work orders.
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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:
 - product information

- AS/NZS documentation as detailed in the Knowledge Evidence
- customer requirements
- workplace procedures.

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

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