



Australian Government

MSFGG3002 Assess glass and glazing requirements

Release: 1

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Modification History

Release 1 - New unit of competency

Application

This unit of competency covers assessing and identifying glass and glazing requirements for buildings to comply with Australian Standards. It involves determining and evaluating glass and glazing requirements and may be performed in workplaces which are involved in the manufacture, processing and/or installation of sheet glass.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Competency Field

Unit Sector

Glass and Glazing

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

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|------------------------------|---|
| 1 Identify work requirements | 1.1 Customer requirements and expectations regarding glass and glazing work or technical advice are identified |
| | 1.2 Work health and safety (WHS) requirements for assessing glass and glazing requirements are observed throughout the work |
| | 1.3 Requirements are recorded according to workplace procedures and requirements |
| | 1.4 The process for assessing glass and glazing requirements is identified |

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| 2 | Prepare for work | 2.1 | Work sequence is planned in a logical order to suit the job |
| | | 2.2 | Research materials are accessed and analysed for applicability |
| | | 2.3 | Product supply sources are contacted to ascertain current developments, if appropriate |
| 3 | Conduct assessment | 3.1 | Influencing factors are identified and their significance and impact on the end product determined |
| | | 3.2 | Products/types of glass are identified and their application determined |
| | | 3.3 | Technical or other professional advice is sought, if applicable and available, in accordance with workplace procedures |
| | | 3.4 | Optimal solution is identified and specifications confirmed |
| 4 | Complete work | 4.1 | Solution is converted into work instructions/job orders in accordance with workplace procedures |
| | | 4.2 | Other documentation, including any advice/referral to customer, is completed in accordance with workplace practices |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency. Detail on appropriate performance levels for each furnishing unit of competency in reading, writing, oral communication and numeracy utilising the Australian Core Skills Framework (ACSF) are provided in the Furnishing Training Package Implementation Guide.

Range of Conditions

Specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Range is restricted to essential operating conditions and any other variables essential to the work environment.

Glass and glazing assessment includes:

- the formal and documented process or informal on-the-job assessment of a situation/requirement assessment required for all glass and glazing tasks
- compliance with:
 - AS 1288:2006 Glass and glazing in buildings - Selection and installation (sections 4, 5 and 8)
 - AS/NZS 2208:1996 Safety glazing materials in buildings
 - AS/NZS 4668:2000 Glossary of terms used in the glass and glazing industry
- factors influencing the assessment, including:
 - wind loading considerations
 - human impact considerations

Tools and equipment include:

- tape measures
- calculators
- glass thickness and glazing material indicators
- product data and samples
- relevant standards/codes
- stationery and calculator

Workplace procedures include:

- work procedures/instructions relating to assessment of glass and glazing requirements
- regulatory/legislative requirements, particularly those pertaining to building codes, WHS and environmental requirements
- manufacturer specifications and instructions, particularly those pertaining to new products/developments

Unit Mapping Information

Supersedes and is not equivalent to LMFGG3002C Assess glass and glazing requirements.

Links

Companion Volume implementation guides are found in VETNet -
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>