



Australian Government

MSFGG4017 Apply standards and codes of practice for the glass and glazing industry

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MSFGG4009 Apply standards and codes of practice for the glass industry. Changes to title, application, elements, performance criteria and assessment requirements.

Application

This unit describes the skills and knowledge required to evaluate complex glass and glazing requirements, determine the codes of practice and standards that apply and integrate their requirements into work processes. These include relevant requirements of the National Construction Code and Australian Standards, including AS1288 and in particular, Section 6 Sloped overhead glazing, Section 7 Balustrades and Section 9 Framed, unframed and partly framed glass assemblies. (All Australian Standards cited in this unit and its assessment requirements are current at the time of publication. If these are revised, the superseding standards must be used.)

This unit applies to experienced workers who interpret and use advanced technical information to develop solutions to potentially complex glass and glazing requirements. They commonly work independently and typically solve complex problems that require theoretical knowledge and experience about the specification, manufacture and installation of a wide range of glass and glazing products. Job roles commonly involve leadership and supervisory responsibilities.

At the time of this unit's release, the work described in this unit does not require licensing or certification, but state or territory authorities should be consulted to determine the current status. Workers on construction sites are required by law to complete induction training. They must also comply with relevant legislation, Australian Standards, codes and manufacturers' installation instructions.

Competency Field

Glass and glazing

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Evaluate the glass and glazing work requirements	1.1 Identify glass and glazing job requirements from the client's brief and specialist technical specifications

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	1.2 Record the job requirements according to workplace procedures 1.3 Determine the technical feasibility of the job requirements and the applicable standards and codes of practice
2. Determine application of glass and glazing standards	2.1 Identify products and/or types of glass potentially suitable for job requirements 2.2 Determine technical specifications of potentially suitable products and/or types of glass from suppliers and other sources 2.3 Assess potentially suitable products for conformance to applicable standards and codes of practice 2.4 Identify any need for specialist technical advice and organise to obtain it according to workplace procedures 2.5 Develop an optimal solution that meets job requirements and conforms to applicable standards and codes of practice 2.6 Communicate installation instructions to clients, building professionals and other relevant parties to enable installation to comply with applicable standards and codes of practice
3. Develop documentation	3.1 Prepare detailed documentation for the solution according to workplace procedures 3.2 Identify and develop documentation required by external personnel based on the scope of the project 3.3 Distribute documentation to internal and external personnel within required timeframes

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to MSFGG4009 Apply standards and codes of practice for the glass industry.

Links

Companion Volume Implementation Guides are found in VETNet – -

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