



Australian Government

Assessment Requirements for MSFGG4017

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

Release: 1

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

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.

Performance Evidence

There must be evidence the candidate has completed the tasks in the elements and performance criteria of this unit of competency and has demonstrated the ability to:

- assess requirements and develop documentation that complies with applicable codes of practice and all Australian Standards for one or more jobs that individually or cumulatively involve glass and glazing for:
 - a stairway
 - a balustrade
 - a sloped or overhead glass installation
 - a 5-star rated building
 - a fire-rated application
 - a curtain wall and/or facade
 - a partition.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- key aspects of:
 - AS 1288: sections 6, 7 and 9
 - AS/NZS 2208: all sections
 - AS/NZS 1170: all sections
 - AS/NZS 4667: all sections
 - AS/NZS 4668: all sections
 - AS1428.1 (design for access and mobility)
 - National Construction Code (NCC) and state and territory requirements relating to glass and glazing in buildings
- workplace safety system requirements related to the handling and installation of glass and glazing products that affect the development of specifications
- types, characteristics, uses and limitations of types of glass potentially suitable for complex glass and glazing requirements, including relating to:
 - aspect ratios

- energy efficiency
- installation methods
- tolerances
- wind loadings
- current and emerging products, techniques and applications in glass and glazing, including those relating to energy efficiency, double glazing, thermally broken frames, acoustics and types of glass
- sources of specialist glass and glazing technical advice
- the range of people and parties potentially involved in glass and glazing work and typical interactions required, including architects, builders, clients, engineers, product developers and/or suppliers and logistics personnel
- the most common issues that can arise when applying standards and codes of practice for the glass industry and how to avoid and respond to them
- workplace policies and procedures relevant to their job role and responsibilities including for:
 - applying standards and codes of practice for the glass industry
 - communication and reporting
 - environmental protection and sustainability, including noise and waste
 - quality assurance
 - work health and safety, including personal protective equipment
 - work planning
 - how to identify if standards and codes of practice for the glass industry are applied correctly.

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:
 - details of glass and glazing work requirements as specified in the performance evidence
 - AS/NZS documentation as specified in the knowledge evidence
 - workplace procedures.

Assessors of this unit 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>