



Australian Government

Assessment Requirements for MSFGG3037 Install structural glazing products

Release: 1

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Modification History

Release 1. Supersedes and is not equivalent to MSF GG3018 Prepare and install architectural engineered glazing.

Performance Evidence

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

- completed 3 of the following structural glazing installations in accordance with work, safety and Australian Standards requirements:
 - balustrade
 - curtain walls
 - glass floor glazing
 - overhead glazing
 - suspended or spider assembly
 - toughened assembly.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- Australian Standards, their purpose and key provisions:
 - AS/NZ1288
 - AS/NZS 4667
 - AS 1288
 - AS4285
- mathematical procedures for estimation and measurement
- organisational customer communication standards and protocols
- types, characteristics, uses and limitations of structural glazing products, including:
 - aluminium glazing systems, including planar assemblies
 - balustrading
 - curtain wall systems
 - glass floor glazing
 - panel wall systems (hung and stacked)
 - overhead glazing
 - spider assemblies
 - toughened assemblies

- structural glazing product installation:
 - workplace safety system requirements
 - work flow requirements
 - qualities and characteristics of structural glass, acrylic and framing materials
 - qualities, characteristics, uses and limitations of component hardware:
 - concealed overhead closer
 - guides
 - hinges
 - locks
 - pivots
 - weather seals
 - wheels
 - stays
 - site characteristics that may impact installation and how to respond
 - installation techniques, the types of problems that may occur and how to avoid and respond
 - fabrication methods for different products and how this impacts installation
 - basic fabrication techniques for on-site product adjustments
 - quality assurance
- types, characteristics, safe use, maintenance and limitations of installation tools and equipment
- uses and limitations of adhesives and sealants in structural glazing installations
- role of engineering consultancy in structural glazing and how this impacts the installation role
- documentation requirements for installation 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:
 - equipment, tools and materials to complete tasks in the 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>

