



Australian Government

MSFGG3037 Install structural glazing products

Release: 1

MSF GG3037 Install structural glazing products

Modification History

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

Application

This unit describes the skills and knowledge required to identify work requirements, prepare tools and materials, and install structural glazing products.

This unit applies to individuals installing structural glazing products. They may or may not also fabricate the products.

Licensing, legislative or certification requirements may apply to this unit and relevant state/territory and local government agencies should be consulted to determine any necessary certification or licensing for undertaking glass and glazing work. Access to construction sites requires certification of general induction training specified by the *National Code of Practice for Induction for Construction Work (ASCC 2007)*.

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. Identify work requirements	1.1 Read work documentation and identify installation requirements 1.2 Identify and follow work health and safety requirements 1.3 Determine required installation methods and materials, and estimate quantities 1.4 Plan a logical work sequence suited to the job and workplace procedures
2. Prepare for installation	2.1 Select and check tools and equipment for suitability, serviceability and safety prior to use 2.2 Select and confirm type and quantity of components and materials

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	against specifications 2.3 Measure and prepare components and materials using required tools in accordance with specifications
3. Identify site conditions and constraints	3.1 Consult customer and obtain permission prior to site inspection 3.2 Identify site safety hazards and take corrective action to reduce injury to self and others 3.3 Identify other on-site characteristics for their impact on the installation process 3.4 Take accurate measurements and confirm against job specification 3.5 Apply covering material to protect existing fixtures and fittings in accordance with workplace procedures
4. Prepare frame/opening and materials	4.1 Remove glass in accordance with safety and work requirements 4.2 Assess frame and/or opening condition to ensure suitability for re-glazing in accordance with customer requirements and Australian Standards 4.3 Report defective frames for repair or replacement in accordance with workplace procedures 4.4 Prepare frame and/or opening to receive glass in accordance with Australian Standards 4.5 Prepare fixing and sealing materials by mixing or cutting to length in accordance with job requirements
5. Fit glass	5.1 Fix glass using the selected method and in accordance with industry procedures and Australian Standards 5.2 Use solvents and sealants in accordance with manufacturer recommendations and Australian Standards 5.3 Remove excess sealing material and clean glass and frame after fixing
6. Complete work	6.1 Check completed installation for compliance with customer requirements, specifications and Australian Standards 6.2 Clean and store tools, equipment and materials in accordance with workplace procedures 6.3 Clean work area and leave in a safe condition and dispose of waste or recycle in accordance with workplace protocols

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	6.4 Accurately complete required workplace documentation

Foundation Skills

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

Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -

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