Australian Government

MSF30413 Certificate III in Glass and Glazing

Release 3

INDUSTRY
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MSF30413 Certificate III in Glass and Glazing

Modification History

Release 3 - Unit codes corrected for MSFFM3024 and HLTAID003. Unit titles corrected for MSFGG3020 and MSFGG4003. No change in outcomes
Release 2 - Two unit titles corrected - no change in outcomes
Release 1 - New qualification

Qualification Description

This qualification describes the skills and knowledge required to perform a range of glass and glazing job roles, including safely manufacturing, processing, moving and installing various types of glass and handling glazing materials and components.

The MSF30413 Certificate III in Glass and Glazing reflects vocational outcomes for those performing glass processing, glazing or architectural glass functions in residential and commercial operations and could include manufacturing, processing, installation and stained glass and leadlighting design. Job roles would be in a defined range of skilled operations, usually within a range of broader related activities involving known routines, methods and procedures, where some discretion and judgement is required in the selection of equipment, services or contingency measures and within known time constraints.

Specialisation is possible in this qualification depending on the electives chosen. A specialisation can be identified on the testamur where a minimum of six (6) elective units of competency are achieved in one of the three elective groups and units chosen must include those marked with '#' in each specialist group:

- Group B - Glass Processing
- Group C - Glazing
- Group D - Architectural Stained Glass

Where specialisation is achieved, RTOs should identify this as follows:
MSF30413 Certificate III in Glass and Glazing
(specialising in Glass Processing/Glazing/Architectural Stained Glass)

Depending on the jurisdiction, licensing or regulatory requirements may apply to the use of some units in this qualification. Licensing of glazing work applies in Queensland, NSW and South Australia. Local regulations should be checked for details.

Entry Requirements

Not applicable

Packaging Rules

To be awarded the MSF30413 Certificate III in Glass and Glazing, competency must be achieved in **twenty-four (24)** units of competency:

- **eleven (11)** core units of competency
- **thirteen (13)** elective units of competency.

Note: Units marked with an asterisk have one or more prerequisites and must be considered in the total number of units. Please refer to individual units for details.

CORE UNITS
Complete all of the following **eleven (11)** units of competency.

Unit code	Unit title
HLTAID003	Apply first aid
MSAENV272B	Participate in environmentally sustainable work practices
MSAPMSUP102A	Communicate in the workplace
MSAPMSUP106A	Work in a team
MSFGG2001	Use glass and glazing sector hand and power tools
MSFGG2003	Operate glass freefall rack and table
MSFGG2004	Process thin glass by hand
MSFGG2005	Apply basic glass handling
MSFGG2006	Move single glass sheets by mechanical means
MSFGG2007	Process glass by basic machines
MSFGN2001	Make measurements and calculations

ELECTIVE UNITS
Select **thirteen (13)** units from Groups A, B, C, D, E and F as specified below.

Group A
Select a minimum of **one (1)** unit from Group A.

Unit code	Unit title
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry

MSAPMOHS200A   Work safely

Select a minimum of **seven (7)** units from Groups B, C or D (at least **six (6)** units must be selected from one group to achieve that specialisation and chosen units must include those marked with '#' in each specialist group)

Group B – Glass Processing

Unit code	Unit title
MEM30031A	Operate computer-aided design (CAD) system to produce basic drawing elements
MSFFM3024	Construct jigs and fixtures
MSFGG3001	Store and handle glass
MSFGG3003	Move block and bulk glass sheet by mechanical means #
MSFGG3004	Process thick glass #
MSFGG3005	Process glass by semi-automatic machines
MSFGG3006	Process glass by automatic machines
MSFGG3007	Apply and handle films and coated glass
MSFGG3008	Form glass
MSFGG3009	Apply patterns and designs to glass
MSFGG3010	Set up and operate glass laminating equipment
MSFGG3011	Set up and operate glass toughening equipment
MSFGG3012	Set up and operate glass mirroring equipment
MSFGG3013	Set up and operate insulated glass unit manufacturing equipment

Group C – Glazing

Unit code	Unit title
MSFGG2002	Use, handle and store glass and glazing products and consumables
MSFGG2008	Glaze and re-glaze residential windows and doors #

MSFGG2009	Fabricate and assemble frames
MSFGG2010	Fabricate and install insect and security screens
MSFGG3002	Assess glass and glazing requirements #
MSFGG3015	Fabricate and install shower screens and wardrobe doors
MSFGG3016	Fabricate and install residential windows and doors
MSFGG3017	Fabricate and install commercial glazing
MSFGG3018	Prepare and install architectural engineered glazing
MSFGG3019	Conduct commercial and structural re-glazing
MSFGG3020	Use static machines for aluminium and unplasticised polyvinyl chloride (uPVC) fabrication
MSFGG3021	Prepare and install mirrors and glass splashbacks

Group D – Architectural Stained Glass

Unit code	Unit title
MSFGG3014	Construct and repair leadlight panels
MSFSL2001	Assemble leadlight and stained glass components #
MSFSL3001	Apply product and material knowledge to leadlight and stained glass operations
MSFSL3002	Protect stained glass and leadlighting
MSFSL3003	Fabricate and install residential leadlight and stained glass windows and doors
MSFSL3004	Prepare and install architectural engineered leadlight and stained glass
MSFSL3005	Paint and fire glass #

Group E
A maximum of **four (4)** units, may be selected from:

- units not previously selected from Groups A, B, C or D
- a maximum of **three (3)** units from Group F, below

- a maximum of **four (4)** relevant units from this Training Package, other endorsed Training Packages and accredited courses, where those units are available at Certificate II level (maximum 1 unit), Certificate III level (maximum 4 units) or Certificate IV level (maximum 1 unit).

Units selected from other Training Packages and accredited courses must be relevant to the qualification outcome and not duplicate units available within this qualification.

Group F

Unit code	Unit title	Prerequisites
BSBWHS401A	Implement and monitor WHS policies, procedures and programs to meet legislative requirements	
CPCCCM2001A	Read and interpret plans and specifications	
CPCCCM2006B	Apply basic levelling procedures	*
CPCCCM2010B	Work safely at heights	*
CPCCOHS1001A	Work safely in the construction industry	
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry	
CUVACD301A	Produce drawings to communicate ideas	
CUVACD201A	Develop drawing skills to communicate ideas	
CUVCAL301A	Produce calligraphy	
MSAPMSUP201A	Receive or despatch goods	
MSFBA2009	Construct metal louvre and canopy-hooded style awnings	
MSFFM3009	Produce manual and computer-aided production drawings	
MSFGG4003	Manage glass industry production scheduling	
MSFGN3001	Read and interpret work documents	
MSFGN3002	Estimate and cost job	
TAEDEL404A	Mentor in the workplace	
TLID2003A	Handle dangerous goods/hazardous substance	

TLILIC2001A   License to operate a forklift truck

Qualification Mapping Information

Supersedes and is based on LMF30611 Certificate III in Glass and Glazing. Outcomes are not equivalent.

Links

MSA Training Package Companion Volumes - http://mskills.com.au/training-packages/info/