



**Australian Government**

# **MSF30418 Certificate III in Glass and Glazing**

**Release: 1**

# MSF30418 Certificate III in Glass and Glazing

## Modification History

Release 1. Supersedes and is equivalent to MSF30413 Certificate III in Glass and Glazing.

## Qualification Description

This qualification reflects the role of individuals involved in manufacturing, processing, moving or installing various types of glass products. Job roles may be in glass processing, glazing or designed glazing in both residential and commercial operations.

Workers use a range of technical knowledge to perform skilled work involving known routines, methods and procedures. They use discretion and judgement to adapt and transfer their skills and knowledge to different job needs and take responsibility for their own work within organisational parameters.

In some states and territories there may be licensing requirements that link to this qualification, and other licensing requirements where the individual is required to work on-site. Depending on the jurisdiction, licensing or regulatory requirements may also 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

There are no entry requirements for this qualification.

## Packaging Rules

**Total number of units = 23**

- 8 core units
- 15 elective units consisting of:
  - 1 unit only from Group A
  - at least 8 units in any combination from Groups B, C, D or E
  - up to 6 additional units from Groups **B, C, D, E, F**, or any endorsed Training Package or accredited course – these units must be relevant to the work outcome, and if imported from other Training Packages, at least 4 must be units first packaged in a Certificate III level qualification or higher.

Units selected from other Training Packages and accredited courses must not duplicate units available within this qualification.

Note: Units marked with an asterisk have one or more prerequisites and must be counted in the total number of units. The prerequisite unit is identified where this applies.

Any combination of electives that meets the rules above can be selected for the award of the Certificate III in Glass and Glazing. Where appropriate, electives may be packaged to provide a qualification with a specialisation. General packaging rules must still be met when packaging units for a specialisation.

Packaging for each specialisation

All Group B electives and at least 6 Group C electives, including those marked with '#', must be selected for the award of *MSF30418 Certificate III in Glass and Glazing (Glass Processing)*.

All Group B electives and at least 6 Group D electives, including those marked with '#', plus at least 1 installation unit (MSFGG3033 – MSFGG3037), must be selected for the award of *MSF30418 Certificate III in Glass and Glazing (Glazing)*.

At least 3 Group E electives, including those marked with '#', must be selected for the award of *MSF30418 Certificate III in Glass and Glazing (Designed Glazing)*.

#### CORE UNITS

| Unit code | Unit title  |
|-----------|---|
| HLTAID003 | Provide first aid   |
| MSFGG2014 | Cut thin glass by hand                                    |
| MSFGG2015 | Process glass by basic machines                           |
| MSFGG3039 | Manually move glass                                       |
| MSFGN2001 | Make measurements and calculations                        |
| MSMENV272 | Participate in environmentally sustainable work practices |
| MSMSUP102 | Communicate in the workplace                              |
| MSMSUP106 | Work in a team  |

#### ELECTIVE UNITS

##### Group A

|              |  |
|--------------|--|
| CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry |
| MSMWHS200    | Work safely  |

## Group B

MSFGG2013            Move single glass sheets by mechanical means

## Group C – Glass Processing

MEM30031A            Operate computer-aided design (CAD) system to produce basic drawing elements

MSFFM3024            Construct jigs and fixtures

MSFGG2012            Operate glass freefall rack and table #

MSFGG3023            Apply and handle films

MSFGG3024            Form glass

MSFGG3025            Apply patterns and designs to glass

MSFGG3026            Laminate glass

MSFGG3027            Toughen glass

MSFGG3030            Process glass by automatic machines

MSFGG3031            Cut thick glass #

MSFGG3032            Mirror glass

MSFGG3040            Move block and bulk glass sheet by mechanical means #

MSFGG3041            Manufacture insulated glass units

MSFGG3042            Process glass by semi-automatic machines

## Group D – Glazing

MSFGG2010            Fabricate and install insect and security screens

MSFGG2011            Glaze and reglaze residential windows and doors #

MSFGG2016            Assemble glazing products

MSFGG3028            Select, cut and process materials for glazing products

MSFGG3029            Assess glass and glazing requirements #

|           |   |
|-----------|---|
| MSFGG3033 | Install shower screens                      |
| MSFGG3034 | Install residential windows and doors       |
| MSFGG3035 | Install mirrors and glass splashbacks       |
| MSFGG3036 | Install commercial glazing products         |
| MSFGG3037 | Install structural glazing products         |
| MSFGG3038 | Conduct commercial and structural reglazing |
| MSFGN3001 | Read and interpret work documents           |

#### Group E – Designed Glazing

|           |  |
|-----------|--|
| MSFDG2001 | Assemble leadlight and stained glass components #                        |
| MSFDG3001 | Protect leadlight and stained glass                                      |
| MSFDG3002 | Prepare and install architectural engineered leadlight and stained glass |
| MSFDG3003 | Paint and fire glass   |
| MSFDG3004 | Assemble copper foil glass components                                    |
| MSFDG3005 | Fuse glass   |
| MSFDG3006 | Process coloured and textured glass by hand                              |
| MSFGG3022 | Construct and repair leadlight panels                                    |
| MSFGG3024 | Form glass   |

#### Group F

|             |  |
|-------------|--|
| BSBWHS401   | Implement and monitor WHS policies, procedures and programs to meet legislative requirements |
| CPCCCM2006  | Apply basic levelling procedures   |
| CPCCCM2010  | Work safely on scaffolding higher than two metres  |
| CPCCCM2010B | Work safely at heights* (Prerequisite unit is CPCCOHS2001A)                                  |

|              |  |
|--------------|--|
| CPCCWHS1001  | Prepare to work safely in the construction industry    |
| CUAACD301    | Produce drawings to communicate ideas                  |
| CUACAL301    | Produce calligraphy                                    |
| MSAPMSUP201A | Receive or despatch goods                              |
| MSFBA2009    | Construct metal louvre and canopy-hooded style awnings |
| MSFFM3009    | Produce manual and computer-aided production drawings  |
| MSFGG4011    | Manage glass industry production scheduling            |
| MSFGN3002    | Estimate and cost job                                  |
| TAEDEL301    | Provide work skill instruction                         |
| TAEDEL404    | Mentor in the workplace                                |
| TLID2003     | Handle dangerous goods/hazardous substances            |
| TLILIC2001   | Licence to operate a forklift truck                    |

## Qualification Mapping Information

Supersedes and is equivalent to MSF30413 Certificate III in Glass and Glazing.

## Links

Companion Volume implementation guides are found in VETNet -

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