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**

<table>
<thead>
<tr>
<th>Unit code</th>
<th>Unit title</th>
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<tbody>
<tr>
<td>HLTAID003</td>
<td>Provide first aid</td>
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<tr>
<td>MSFGG2014</td>
<td>Cut thin glass by hand</td>
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<tr>
<td>MSFGG2015</td>
<td>Process glass by basic machines</td>
</tr>
<tr>
<td>MSFGG3039</td>
<td>Manually move glass</td>
</tr>
<tr>
<td>MSFGN2001</td>
<td>Make measurements and calculations</td>
</tr>
<tr>
<td>MSMENV272</td>
<td>Participate in environmentally sustainable work practices</td>
</tr>
<tr>
<td>MSMSUP102</td>
<td>Communicate in the workplace</td>
</tr>
<tr>
<td>MSMSUP106</td>
<td>Work in a team</td>
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</tbody>
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**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
BSBWH5102    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