



**Australian Government**

# **Assessment Requirements for MSF GG2015**

## **Process glass by basic machines**

**Release: 1**

# Assessment Requirements for MSF GG2015 Process glass by basic machines

## Modification History

Release 1. Supersedes and is not equivalent to MSF GG2007 Process glass by basic machines.

## Performance Evidence

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

- undertaken the following processes in accordance with all safety requirements and Australian Standard AS/NZS 4667: Quality requirements for cut-to-size and processed glass using basic machines (hand-held and static operation):
  - for annealed glass up to 8mm, and for laminated glass up to 8.38mm:
    - arris
    - flat polish
    - flat grind
    - round and polish
    - mitre edge
    - holes with tungsten drill bits
    - holes with diamond drill bits.
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## Knowledge Evidence

There must be evidence the candidate has knowledge of:

- purpose and key provisions of Australian Standard AS/NZS 4667: (all sections)
- workplace safety system requirements related to glass processing by basic machines
- work flow requirements in relation to glass processing
- mathematical procedures for estimation and measurement, including calculation of area and estimation of material requirements
- qualities and characteristics of annealed and laminated glass, including hazards and handling requirements
- common work requirements for work requiring basic machine processing, including: drilling and edging – arising, flat finish, round and mitre bevelling, grinding, polishing
- types, characteristics, safe use, maintenance and limitations of glass cutting tools and equipment, including defect reporting for:
  - diamond drills and/or presses – freestanding, portable, wall-mounted
  - edging machines:
    - diamond or pencil edgers
    - finger slotters

- finishing or belt machines,
- hand tools
- pumice or cork polishers
- lubricants
- marking tools
- measuring tools, including tape measures, L-squares and straight edges
- templates
- procedures for basic machine processing, the types of problems that may occur and how to avoid and respond
- quality indicators for processed glass
- procedures for the recording, reporting and maintenance of workplace records and information.
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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
  - glass product to be processed
  - safety and personal protective equipment
  - 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>