



Australian Government

Assessment Requirements for MSFGG3042 Process glass by semi-automatic machines

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MSFGG3005 Process glass by semi-automatic machines.

Performance Evidence

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

- set up and used semi-automatic glass processing equipment in accordance with all safety and Australian Standards requirements as follows:
 - 3 of the following machines:
 - straight line edger
 - straight line beveller
 - single and/or double head glass drill
 - glass washer and dryer
 - shaped beveller
 - glass cutting table
 - 3 of the following processes:
 - cutting
 - drilling
 - edging
 - washing and drying
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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
- workplace safety system requirements related to glass processing by semi-automatic machine
- 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 float and laminate glass, including hazards and handling requirements
- types, characteristics, safe use, maintenance and limitations of semi-automatic machines:
 - cutting tables
 - milling machines

- shape cutters
- single and double head diamond drill machine
- straight line and variable angle edgers
- straight line annealed and laminated glass cutters
- washing machines
- types, characteristics, safe use, maintenance and limitations of other tools and equipment used:
 - lubricants
 - marking tools
 - measuring tools, including tape measures, L-squares and straight edges
 - templates
- procedures for semi-automatic 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>