



Australian Government

MSFGG2012 Operate glass freefall rack and table

Release: 1

MSFGG2012 Operate glass freefall rack and table

Modification History

Release 1. Supersedes and is equivalent to MSFGG2003 Operate glass freefall rack and table.

Application

This unit describes the skills and knowledge required to use freefall racks and tables in handling glass.

This unit applies to glass processing workers and some glaziers working in accordance with established procedures.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Pre-requisite Unit

N/A

Unit Sector

Glass and Glazing

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for work	1.1 Identify and follow work health and safety requirements, using all required personal protective equipment 1.2 Identify work requirements and plan work sequence and method in a logical order to suit the job 1.3 Select and check tools and equipment for suitability, serviceability and safety prior to use 1.4 Clear work area of unauthorised personnel prior to and during freefall operations in accordance with workplace procedures 1.5 Check freefall rack for correct operation, make table level, and clear of any foreign material
2. Freefall glass	2.1 Inspect glass for faults prior to freefalling and take action in accordance with workplace procedures 2.2 Conduct freefall in accordance with industry standards and safety

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	requirements 2.3 Identify and report problems occurring during operation to appropriate persons in accordance with workplace procedures 2.4 Follow authorised changes in working procedures and/or requirements 2.5 Move glass to required location for cutting or processing
3. Complete work	3.1 Label glass in accordance with workplace procedures ensuring there are no projections 3.2 Clean work area, dispose of rubbish safely and identify items for recycling in accordance with workplace procedures 3.3 Remove tools, equipment and unused materials and store in accordance with workplace procedures 3.4 Shut down freefall table and inspect in accordance with manufacturer instructions 3.5 Accurately complete required workplace documentation

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to MSFGG2003 Operate glass freefall rack and table.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for MSFGG2012 Operate glass freefall rack and table

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Performance Evidence

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

- followed all pre-freefall inspections and safety procedures to freefall any glass on at least 2 occasions with glass size to be at least 1830mm x 2440mm.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- freefalling of glass:
 - workplace safety system requirements, including personal protective equipment (gloves, gauntlets, hard hat, bolero)
 - work flow requirements
 - qualities and characteristics of annealed and laminated glass, including hazards and handling requirements
 - types, characteristics, safe use, maintenance and limitations of tools and equipment used in freefalling glass:
 - glass handling equipment and hand tools (knuckle saver, suckers, cutters, pliers)
 - principles, techniques and different methods of freefalling glass from a rack to a table (above or to the side), the types of problems that can occur and how to avoid and respond
 - when teamwork is required for large factory run sizes
- procedures for the recording and reporting of damaged and/or broken glass or equipment during freefalling.
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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:
 - freefall rack and table
 - glass product for freefalling

- glass handling equipment and hand tools
- safety and personal protective equipment
- work orders
- workplace procedures.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

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