



Australian Government

MSFGG2003 Operate glass freefall rack and table

Release: 1

MSFGG2003 Operate glass freefall rack and table

Modification History

Release 1 - New unit of competency

Application

This unit of competency covers using freefall racks and tables in glass and glazing work.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Competency Field

Unit Sector

Glass and Glazing

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

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|---|------------------|-----|--|
| 1 | Prepare for work | 1.1 | Applicable work health and safety (WHS), legislative and organisational requirements relevant to glass and glazing work are verified and complied with |
| | | 1.2 | Work requirements are identified and work sequence is planned in a logical order to suit the job |
| | | 1.3 | Tools, equipment and materials are selected and checked prior to use to ensure that they are appropriate for the work, serviceable and in a safe condition |
| | | 1.4 | Planned route for relocating glass is checked for hazards and the work area is cleared of obstructions |
| | | 1.5 | Work area is cleared of unauthorised personnel prior to and during freefall operations in accordance with workplace procedures |
| | | 1.6 | Freefall rack and table is checked for correct operation, levelled and cleared of any foreign material |

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|---|----------------|-----|--|
| 2 | Freefall glass | 2.1 | Freefall is conducted in accordance with workplace procedures to move glass safely |
| | | 2.2 | Problems occurring during operation are identified and reported to appropriate persons in accordance with workplace procedures |
| | | 2.3 | Authorised changes in working procedures and/or requirements are followed |
| 3 | Complete work | 3.1 | Waste and scrap material is removed for disposal or recycling, as required |
| | | 3.2 | Work area is cleaned and rubbish disposed of, as appropriate |
| | | 3.3 | Workplace documentation is completed, as required |
| | | 3.4 | Tools, equipment and unused materials are removed and stored appropriately |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency. Detail on appropriate performance levels for each furnishing unit of competency in reading, writing, oral communication and numeracy utilising the Australian Core Skills Framework (ACSF) are provided in the Furnishing Training Package Implementation Guide.

Range of Conditions

Specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Range is restricted to essential operating conditions and any other variables essential to the work environment.

Unit context includes:

- work health and safety (WHS) requirements, including legislation, building codes, material safety management systems, hazardous and dangerous goods codes, and local safe operating procedures or equivalent
- work is carried out in accordance with legislative obligations, environmental legislation, and manual handling procedures
- work requires individuals to demonstrate some discretion, judgement and problem solving

Glass includes:	• annealed • laminated
Tools and equipment include:	• storage rack • drop bench • glass handling equipment and hand tools
Personal protective equipment includes:	• that prescribed under legislation, regulation and enterprise policies and practices: • gauntlets • gloves • safety glasses • hard hats • safety footwear • aprons and overalls
Information and procedures include:	• workplace procedures relating to the use of tools and equipment and personal protective equipment • work instructions, including job sheets, cutting lists, plans, drawings and designs • workplace procedures relating to reporting and communication • manufacturer specifications and operational procedures

Unit Mapping Information

Supersedes and is not equivalent to LMFGG2003C 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 MSFGG2003 Operate glass freefall rack and table

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Performance Evidence

- Interpret work order and locate and apply relevant information
- Apply safe handling requirements for equipment, products and materials, including use of personal protective equipment
- Identify materials used in the work process
- Follow work instructions, operating procedures and inspection processes to:
 - minimise the risk of injury to self or others
 - prevent damage to goods, equipment and products
 - maintain required production output and product quality
- Follow pre-freefall glass inspections and safety procedures
- Deal with freefall factory run sizes (FRS) glass up to, and including, 10 mm thick
- Freefall 6.38 mm (or less) laminated glass
- Use mathematical ideas and techniques to correctly complete measurements, calculate area and estimate material requirements
- Communicate ideas and information to enable confirmation of work requirements and specifications and the reporting of work outcomes and problems, interpret basic plans and follow safety procedures
- Avoid backtracking, work flow interruptions or wastage
- Work with others and in a team by recognising dependencies and using cooperative approaches to optimise work flow and productivity

Knowledge Evidence

- Qualities and characteristics of glass, including hazards and handling requirements
- Principles and techniques of freefalling glass from a rack to a table
- Workplace safety system requirements related to the freefalling of glass
- Work flow requirements in relation to freefalling of glass using rack and table

Assessment Conditions

- Assessors must:
 - hold training and assessment competencies as determined by the National Skills Standards Council (NSSC) or its successors
 - have vocational competency in the furnishing industry at least to the level being assessed with broad industry knowledge and experience, usually combined with a relevant industry qualification

- be familiar with the current skills and knowledge used and have relevant, current experience in the furnishing industry.
- Assessment methods must confirm consistency of performance over time rather than a single assessment event and in a range of workplace relevant contexts.
- Assessment must be by observation of relevant tasks with questioning on underpinning knowledge and, where applicable, multimedia evidence, supervisor's reports, projects and work samples.
- Assessment may be conducted in conjunction with other related units of competency. Foundation skills are integral to competent performance in the unit and should not be assessed separately.
- Assessment may occur on the job or in a workplace simulated facility with relevant process, equipment, materials, work instructions and deadlines.
- Access is required to glass freefall rack and table, workplace operating procedures and glass sheets.

Links

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