



Australian Government

MSFGG3039 Manually move glass

Release: 1

MSFGG3039 Manually move glass

Modification History

Release 1. Supersedes and is not equivalent to MSFGG2005 Apply basic glass handling, and, MSFGG3001 Store and handle glass.

Application

This unit describes the skills and knowledge required to plan for and move sheets of glass by hand, both individually and as part of a team. Movement of glass may be within a glass workplace or between the workplace and another site.

This unit applies to glass processing workers and 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 glass handling	1.1 Read instructions and identify the type and quantity of glass to be relocated 1.2 Identify and follow work health and safety requirements using all required personal protective equipment throughout the work 1.3 Identify sheet glass to be moved and estimate or calculate weight, shape, points of balance, and dimensions 1.4 Identify risks to self, others, material and equipment arising from required lifting, load carrying, set down or movement of glass 1.5 Identify the need for equipment or team lifting based on nature of glass and level of risk
2. Plan glass movement	2.1 Identify destination for glass and determine routes to be followed

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	2.2 Compare required clearances to available space and make any required adjustments 2.3 Plan process for relocating glass, and include contingency measures for potential difficulties 2.4 Check proposed process against advisory standards and workplace procedures for compliance
3. Relocate glass	3.1 Check glass for imperfections and damage prior to movement 3.2 Lift, lower and carry glass, in accordance with approved local work health and safety codes and workplace procedures 3.3 Coordinate team lifting tasks in accordance with approved local work health and safety codes and workplace procedures 3.4 Follow planned process and route and relocate glass without damage to material, personnel or equipment 3.5 Attach required labels and store glass in accordance with workplace procedures ensuring there are no projections 3.6 Check relocation against work requirements, and report any differences
4. Complete work	4.1 Clean, maintain and store handling equipment in accordance with workplace procedures 4.2 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

No equivalent unit.

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 MSFGG3039 Manually move glass

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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:

- completed each of the following in accordance with all safety and manual handling procedures on at least 1 occasion:
 - individual movement of annealed equal to or above 1.2 m²
 - individual movement of laminated glass equal to or above 1.2 m²
 - team movement of annealed glass equal to or above 4.5 m²
 - team movement of laminated glass equal to or above 4.5 m²
- moved glass in the following contexts:
 - loading and unloading of trucks
 - between trolleys and work benches.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- key information from work health and safety regulations relating to manual tasks and national code of practice:
 - role and responsibilities of the employer and employees in relation to manual handling safety
 - manual handling techniques that support safe work practice:
 - preparing the load
 - preparing the environment
 - using the stronger muscles in the legs where possible, rather than spinal muscles
 - maintaining a neutral spine when lifting and carrying
 - using two hands to lift or carry
 - keeping the load close to the body and centre of gravity
 - avoiding lifting objects above shoulder height
 - minimising repetitive movements
 - positions not held for long periods of time
 - avoiding twisting by repositioning feet while turning
- mathematical procedures for calculation of glass weight
- glass manual handling:

- quality, characteristics and behaviour of glass sheet when lifted and moved
- risks and hazards
- workplace safety system requirements
- work flow requirements
- principles and techniques of freefalling glass
- the types of problems that may occur and how to avoid and respond
- specific considerations when:
 - loading and unloading trucks
 - moving between trolleys and/or stillages, work benches and racks
- types, uses and limitations of tools and equipment used to support manual handling of glass
- features of glass sheet storage systems
- processes and communication protocols for team lifting
- workplace documentation requirements for glass movement.
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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:
 - glass storage and handling area
 - trolleys and/or stillages
 - work benches
 - racks
 - glass sheet to be relocated
 - 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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