



Australian Government

MSFGG2006 Move single glass sheets by mechanical means

Release: 1

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Modification History

Release 1 - New unit of competency

Application

This unit of competency covers moving single sheets of flat glass by mechanical means individually or in a team environment in workplaces which are involved in the manufacture, processing and/or installation of sheet glass.

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.
1 Prepare for glass moving	1.1 Work requirements in the form of type and quantity of glass to be relocated are identified from work instructions 1.2 Work health and safety (WHS) requirements for movement of glass sheets by mechanical means, including personal protective equipment, are observed throughout the work 1.3 Glass sheets to be moved are identified and weight is estimated or calculated and safe movement requirements applied 1.4 Appropriate mechanical handling equipment, tools and equipment are identified 1.5 Risks arising from the required lifting to self, others, material and equipment are identified, load carrying, set

- down or movement of the glass
- 1.6 Equipment and controls, including emergency stops and guards, are identified and checked for safe operation with any damaged or worn parts reported to appropriate personnel
 - 1.7 Glass is checked for imperfections and damage prior to movement
- 2 Plan glass movement
- 2.1 Locations for glass storage are identified and routes to be followed determined
 - 2.2 Required clearances are compared to available space and adjustments made
 - 2.3 Process for relocating glass is planned, including predicting and planning for potential difficulties
 - 2.4 Proposed process is checked against advisory standards and workplace procedures for compliance
- 3 Relocate glass
- 3.1 Equipment is operated in accordance with approved advisory standards, manufacturer instructions, workplace procedures and WHS requirements
 - 3.2 Planned process and route are followed and glass is relocated without damage to material, personnel or equipment
 - 3.3 Glass is labelled and stored following workplace procedures ensuring there are no projections
 - 3.4 Relocation is checked to see that it meets work requirements, and any differences reported
- 4 Complete work
- 4.1 Waste and scrap material are removed for disposal or recycling, as required
 - 4.2 Work area is cleaned and rubbish disposed of, as appropriate
 - 4.3 Handling equipment is cleaned, maintained and stored according to workplace procedures
 - 4.4 Workplace documentation is completed, as required

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:	• 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, relevant health regulations, manual handling procedures and organisation insurance requirements • work requires individuals to demonstrate some discretion, judgement and problem solving
Glass includes:	• annealed • laminated • toughened • tinted • obscured • heat reflecting • mirrors
Safe movement requirements include:	• complying with relevant WHS regulations • determining the safe weight load limit (WLL) • using safe working load (SWL) limit tables
Mechanical handling equipment includes:	• gantry cranes up to 4.9 SWL • scissor or vacuum grabs
Tools and equipment include:	• air and tilt tables • A-frames and stillage racks
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 equivalent to LMFGG2006C Move single glass sheets by mechanical means.

Links

Companion Volume implementation guides are found in VETNet -
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>