



Australian Government

MSFGG3003 Move block and bulk glass sheet by mechanical means

Release: 1

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Modification History

Release 1 - New unit of competency

Application

This unit of competency covers moving block/bulk flat glass by mechanical means in workplaces which are involved in the manufacture, processing and/or installation of sheet glass.

It may include meeting local licensing requirements for use of slings and chains where these apply.

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 the task | 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 bulk/block glass sheet by mechanical means, including personal protective equipment, are observed throughout the work |
| | | 1.3 | Blocks of glass sheet to be moved are identified and weight estimated or calculated |
| | | 1.4 | Appropriate mechanical handling equipment is identified |
| | | 1.5 | Risks to self, others, material and equipment are identified arising from the required lifting, 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, and 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 relocated without damage to material and equipment or injury
 - 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 are 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
Block/bulk glass sheets include:	• end caps • cased or factory run size (FRS) blocks • large glass panels • annealed or laminated glass
Mechanical handling equipment include:	• gantry cranes up to 4.9 safe working load (SWL) • block grabs • slings and chains (AS 1418 Set:2009 Cranes, hoists and winches Set, and licensing requirements for use of slings and chains should be considered)
Personal protective equipment includes:	• that prescribed under legislation, regulation and enterprise policies and practices for overhead lifting: • gauntlets • gloves • safety glasses • safety footwear • hard hats • aprons and overalls • Bolero and harness
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 LMFGG3003C Move block/bulk glass sheet 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>