



Australian Government

MSFGG3015 Fabricate and install shower screens and wardrobe doors

Release: 1

MSFGG3015 Fabricate and install shower screens and wardrobe doors

Modification History

Release 1 - New unit of competency

Application

This unit of competency covers planning, fabricating and installing shower screens and wardrobe doors fitted with safety vinyl backed mirror or textured vinyl coated board in residential and commercial locations.

Licensing, legislative or certification requirements may apply to this unit and relevant state/territory and local government agencies should be consulted to determine any necessary certification or licensing for undertaking glass and glazing work. Access to construction sites requires certification of general induction training specified by the *National Code of Practice for Induction for Construction Work* (ASCC 2007).

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 | Identify work requirements | 1.1 | Work requirements for the type of shower screen/wardrobe door to be fabricated and installed are identified from work instructions, including the identification of its pattern or plan |
| | | 1.2 | Work health and safety (WHS) requirements for fabrication and installation of shower screens and wardrobe doors, including personal protective equipment, are observed throughout the work |
| | | 1.3 | The process for fabricating and installing shower screens and wardrobe doors is identified |

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| | | 1.4 | Glass fixing method and joining devices or materials are identified in accordance with specifications or type of materials to be used and Australian Standards |
| | | 1.5 | Quantities of materials required are calculated from plans/work instructions or by measuring the fixture opening |
| | | 1.6 | Tools and equipment appropriate to the fixing method are identified |
| 2 | Prepare for work | 2.1 | Work sequence is determined in a logical order to suit the job and workplace procedures |
| | | 2.2 | Tools, equipment and materials are selected and checked prior to use to ensure they are appropriate for the work, serviceable and in a safe condition |
| | | 2.3 | Components of the shower screen/wardrobe door are checked against specifications or job order for size, quantity, finish and profile |
| 3 | Fabricate and install shower screen/wardrobe door | 3.1 | If required, aluminium frame is fabricated in accordance with workplace procedures or industry practice |
| | | 3.2 | Fittings are attached to screen in accordance with workplace procedures or industry practice |
| | | 3.3 | Shower screen/wardrobe door is installed in shower opening/wardrobe in accordance with workplace procedures or industry practice |
| | | 3.4 | Shower screen is waterproof sealed in accordance with workplace procedures or industry practice |
| 4 | Complete work | 4.1 | Shower screen/wardrobe door is inspected for quality of work and repaired, re-fabricated or reinstalled, as required, in accordance with workplace procedures |
| | | 4.2 | Material which can be reused is collected and stored and waste and scrap material are removed for disposal or recycling, as required |
| | | 4.3 | Work area is cleaned and rubbish disposed of, as appropriate |
| | | 4.4 | Tools, equipment and unused materials are cleaned and |

removed and stored appropriately

- 4.5 Workplace documentation is completed in accordance with workplace requirements including calculating the cost of glass, fittings, materials and labour

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.

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| Unit context includes: | <ul style="list-style-type: none">• 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 |
| Shower screens are glass panels and include: | <ul style="list-style-type: none">• framed• semi-frameless and frameless screens• sliding screens• pivot screens and returns |
| Materials include: | <ul style="list-style-type: none">• aluminium shower screen and wardrobe extrusions• laminated• toughened and organic coated glass• vinyl backed mirror• textured vinyl board• glazing and bump rubbers• shower screen |

Tools and equipment include:	• wardrobe hardware • sealants • power saws • pneumatic equipment • hydraulic and manual presses • tooling • drills • screwdrivers and rubber mallets and general glazing tools • spirit and laser levels
Fittings include:	• wheels • hinges • handles • pivot blocks • corner blocks • fasteners
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 • AS 1288:2006 Glass in buildings - Selection and installation • AS 3740:2010 Waterproofing of domestic wet areas

Unit Mapping Information

Supersedes and is equivalent to LMFGG3015C Fabricate and install shower screens and wardrobe doors.

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 MSFGG3015 Fabricate and install shower screens and wardrobe doors

Modification History

Release 1 - New unit of competency

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
- Measure for fabrication and installation of two (2) of the following in accordance with AS 3740:2010 Waterproofing of domestic wet areas:
 - sliding shower door
 - pivot shower door
 - semi-frameless and frameless shower screens
- Measure for installation of wardrobe doors:
 - working from product specification data sheets identifying and selecting product materials
 - selecting glass in accordance with AS 1288:2006 Glass in buildings - Selections and installation
 - fabricating frame and sash components, including cutting, tooling and drilling
 - identifying, selecting and installing component hardware, including weather seals, wheels, hinges, guides and handles
 - assembling frames, including glass and gaskets
- Install shower screens and wardrobe doors
- Calculate the cost of shower screens and wardrobe doors
- 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

- Work flow requirements in relation to the fabrication and installation of shower screens and wardrobe doors
- Characteristics of materials used and uses of products produced
- Workplace safety system requirements related to the fabrication and installation of shower screens and wardrobe doors
- Correct identification of equipment, processes and procedures
- Relevant Australian Standards

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 is to be conducted on single units of competency or 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 must occur on the job or in a workplace simulated facility with relevant process, equipment, materials, work instructions and deadlines.
- Access is required to shower screen/wardrobe door glass and mirror, aluminium framing material, fixtures, waterproof sealant, workplace operating procedures, personal protective equipment and a fabrication and installation location.

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