



Australian Government

Department of Education, Employment and Workplace Relations

LMFGG3015B Fabricate and install shower screens and wardrobe doors

Revision Number: 1

LMFGG3015B Fabricate and install shower screens and wardrobe doors

Modification History

Not applicable.

Unit Descriptor

Unit descriptor	This unit addresses the knowledge and skills required to plan, fabricate and install shower screens and wardrobe doors.
------------------------	---

Application of the Unit

Application of the unit	
--------------------------------	--

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisite units	Nil	

Employability Skills Information

Employability skills	This unit contains employability skills.
-----------------------------	--

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.

Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Plan for work	<p>1.1. Work requirements in the form of type of shower screen/wardrobe door to be fabricated and installed are identified from work instructions. This includes the identification of its pattern or plan</p> <p>1.2. Workplace health and safety requirements for fabrication and installation of shower screens and wardrobe doors, including personal protection needs, are observed throughout the work</p> <p>1.3. The process for fabricating and installing shower screens and wardrobe doors is identified</p> <p>1.4. Glass fixing method and joining devices or materials are identified in line with specifications or type of materials to be used and Australian Standards</p> <p>1.5. Quantities of materials required are calculated from plans or work instructions or by measuring the fixture opening</p> <p>1.6. Tools and equipment appropriate to the fixing method are identified</p>
2. Prepare for work	<p>2.1. Work sequence is determined in a logical order to suit the job</p> <p>2.2. 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</p> <p>2.3. Components of the shower screen/wardrobe door are checked against specifications or job order for: size, quantity, finish and profile</p>
3. Fabricate and install shower screen/wardrobe door	<p>3.1. If required, aluminium frame is fabricated in accordance with workplace procedures or industry practice</p> <p>3.2. Fittings are attached to screen in accordance with workplace procedures or industry practice</p> <p>3.3. Shower screen/wardrobe door is installed in shower opening/wardrobe in accordance with workplace procedures or industry practice</p> <p>3.4. Shower screen is waterproof sealed in accordance with workplace procedures or industry practice</p>
4. Complete work	<p>4.1. Shower screen/wardrobe door is inspected for quality of work and repaired, refabricated or reinstalled as required in accordance with workplace</p>

ELEMENT	PERFORMANCE CRITERIA
	<p>procedures</p> <p>4.2. Material which can be reused is collected and stored</p> <p>4.3. Waste and scrap material is removed for disposal or recycling as required</p> <p>4.4. Work area is cleaned and rubbish disposed of as appropriate</p> <p>4.5. Tools, equipment and unused materials are cleaned and removed and stored appropriately</p> <p>4.6. Workplace documentation is completed in accordance with workplace requirements</p>

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

- collect, organise and understand information related to work orders, basic plans, and safety procedures
- communicate ideas and information to enable confirmation of work requirements and specifications, coordination of work with work supervisor, other workers and customers, and the reporting of work outcomes and problems
- plan and organise activities including the preparation and layout of the work area and the obtaining of equipment and materials to avoid any back tracking, workflow interruptions or wastage
- work with others and in a team by recognising dependencies and using cooperative approaches to optimise workflow and productivity
- use mathematical ideas and techniques to correctly complete measurements, calculate work requirements, optimise glass sizes for economical cutting and assemble required materials
- use pre-checking and inspection techniques to plan work, avoiding reworking and wastage
- use the limited workplace technology related to the fabrication and installation of shower screens and wardrobe doors

Required knowledge

- workflow 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
- identification of equipment, processes and procedures
- relevant Australian Standards

Evidence Guide

EVIDENCE GUIDE

The Evidence Guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Critical aspects of evidence

- Plan the fabrication and installation of shower screens and wardrobe doors
- Interpret work order/job instruction and locate and apply relevant information to fabricate and install shower screens and wardrobe doors
- Apply safe handling requirements for equipment, products and materials, including use of personal protective equipment
- Follow work instructions, operating procedures and inspection practices to:
 - minimise the risk of injury to self and others
 - prevent damage to goods, equipment and products
 - maintain required production output and product quality
- As a minimum, demonstrate the ability to:
 - measure for installation each of sliding, pivot, bi-fold, semi-frameless and frameless shower screens and sliding wardrobe doors
 - work from product specification data sheets
 - identify and select product materials
 - select glass in accordance with AS1288
 - fabricate frame and sash components, including cutting, tooling and drilling
 - identify, select and install component hardware including weather seals, wheels, hinges, guides and handles
 - assemble frames, including glass and gaskets
 - install shower screens and wardrobe doors
 - calculate the cost of shower screens and wardrobe doors
- Work effectively with others
- Modify activities to cater for variations in workplace contexts and environment

Resource implications

Shower screen/wardrobe door glass, aluminium framing material, fixtures, waterproof sealant, workplace operating procedures, personal protective equipment and

EVIDENCE GUIDE	
	an appropriate work area.
Method of assessment	<p>Assessment methods must confirm consistency of performance over time and in a range of workplace relevant contexts.</p> <p>Assessment should be by direct observation of tasks and questioning on underpinning knowledge.</p> <p>Assessment may be in conjunction with assessment of other relevant units of competency.</p>
Context of assessment	Assessment may occur on the job or in a workplace simulated facility with relevant process equipment, materials, work instructions and deadlines.

Range Statement

RANGE STATEMENT	
<p>The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.</p>	
Unit context	<ul style="list-style-type: none"> • Work requires individuals to demonstrate discretion, judgement and problem solving skills in the fabrication and installation process • OHS requirements may include legislation, standards, building codes, material safety management systems and local safe operating procedures • Work is carried out in accordance with statutory requirements, environment legislation, manual handling procedures and relevant regulations and organisation insurance requirements • Work is generally performed individually, with general supervision and may be part of a production process
Shower screens are glass panels and may include:	<ul style="list-style-type: none"> • framed • semi-frameless and frameless screens • sliding screens • pivot screens and returns
Wardrobe doors	Wardrobe doors may be fitted with safety vinyl backed mirror and textured vinyl coated board
Tools and equipment may include:	<ul style="list-style-type: none"> • power saws • pneumatic • hydraulic and manual presses • tooling • drills • screwdrivers and rubber mallets and general glazing tools • spirit and laser levels
Materials are to include but are not limited to:	<ul style="list-style-type: none"> • aluminium shower screen and wardrobe extrusions • laminated • toughened and organic coated glass

RANGE STATEMENT	
	<ul style="list-style-type: none"> • vinyl backed mirror • textured vinyl board • glazing and bump rubbers • shower screen • wardrobe hardware and sealants
Fittings may include:	<ul style="list-style-type: none"> • wheels • hinges • handles • pivot blocks • corner blocks and fasteners
Personal protective equipment	<p>Personal protective equipment is to include that prescribed under legislation, regulations and enterprise practices and procedures. It may include:</p> <ul style="list-style-type: none"> • gauntlets • gloves • safety glasses • hard hats • safety footwear • aprons and overalls
Information and procedures	<ul style="list-style-type: none"> • Workplace procedures relating to the fabrication and installation of shower screens and wardrobe doors • Equipment or tool manufacturers' specifications and operational procedures • Work instructions including job sheets, plans, drawings and designs • Safety standards include personal protective equipment, OHS regulations and enterprise requirements • AS1288

Unit Sector(s)

Unit sector	Glass and Glazing
--------------------	-------------------

Competency field

Competency field	
-------------------------	--

Co-requisite units

Co-requisite units		