



Australian Government

Department of Education, Employment and Workplace Relations

LMFSS3001A Install security screens and grills

Revision Number: 1

LMFSS3001A Install security screens and grills

Modification History

Not applicable.

Unit Descriptor

Unit descriptor	This unit specifies the outcomes required for the installation of security screens and grills.
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Application of the Unit

Application of the unit	This unit supports the attainment of skills and knowledge required for competent workplace performance in the installation of security screens and grills. This unit applies to an on-site environment and involves application of skills and knowledge at both the installation worker and the trade skills level. These skills and knowledge are to be used within the scope of the individual's job and authority.
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Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisite units	Nil	

Employability Skills Information

Employability skills	This unit contains employability skills.
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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.
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Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Plan and prepare	<p>1.1. Applicable OHS, legislative and organisational requirements relevant to security screens and grill installation are verified and complied with</p> <p>1.2. Work order is reviewed, confirmed and clarified with appropriate personnel</p> <p>1.3. Security screens and grills are identified and checked against the work order and located ready for installation</p> <p>1.4. Tools and equipment are selected appropriate to work requirements and checked for operational effectiveness in accordance with manufacturers recommendations</p>
2. Prepare position for security screen or grill	<p>2.1. Existing screens and grills are removed where necessary to make way for the security screens and grills</p> <p>2.2. The jamb stiles are assessed for the installation of the security screen/grills frame and adjustments made as necessary</p> <p>2.3. The frame is positioned and secured in place so that the head/sill is level and stiles plumb.</p> <p>2.4. Additional preparation for the locking mechanism is made where necessary</p>
3. Install security screens and grills	<p>3.1. Security screen/grill is inserted in the frame and tested for operation of open and shut</p> <p>3.2. Locking mechanism is installed and tested</p> <p>3.3. Items that do not meet quality requirements are repaired, recycled or discarded according to workplace procedures</p> <p>3.4. Installation completion and equipment faults are recorded and reported to the appropriate personnel</p>
4. Clean work areas	<p>4.1. Waste and scrap is removed following workplace procedures</p> <p>4.2. Tools used are cleaned; inspected for serviceable condition and stored appropriately in accordance with workplace procedures</p> <p>4.3. Records and reports are completed to 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
- collect, organise and understand detailed technical information related to the materials and the products used in and related to installation of security screens and grills
- communicate ideas and information to enable confirmation of work requirements and specifications, co-ordination of work with site supervisor, other workers and customers, and the reporting of work outcomes and problems
- maintain records related to product and materials quality
- work with others and in a team by recognising dependencies and using co-operative approaches to optimise work flow and productivity
- use pre-checking and inspection techniques to ensure the tools are serviceable and ready to use and to avoid re-work and wastage
- use checking and inspection techniques to ensure security screens and grills comply with specifications and that instances of non-compliance are remedied
- identify, anticipate and respond to the problems related to timber and material properties
- identify and analyse faults in security screens and grills
- select and apply the most appropriate maintenance and repair techniques
- identify, anticipate design issues associated with functionality and building codes in relation to the security screen or grill to be used
- recognise and respond to circumstances outside instructions or personal competence
- plan and organise activities including the preparation and layout of own worksite and the obtaining and use of tools and materials to avoid any backtracking, work flow interruptions or wastage during the production cycle
- use mathematical ideas and techniques to correctly complete measurements, calculate area, and estimate other material requirements
- complying with legislation, regulations, standards, codes of practice and established safe practices and procedures for machining material
- clarify and confirm work instructions
- plan work within given task parameters
- apply systematic and effective time management
- accept responsibility for given tasks
- set, monitor and satisfy personal work goals
- satisfy the competency requirements for the job
- maintain current knowledge of security screens and grills installation tools and

REQUIRED SKILLS AND KNOWLEDGE

materials

- maintain current knowledge of security screens and grills installation processes and techniques
- seek learning opportunities
- use the workplace technology related to the selection, preparation and use of security screens and grills products and materials including hand and power tools, calculators, measuring devices and technical support systems

Required knowledge

- State or Territory OHS legislation, regulations, standards and codes of practice relevant to the full range of processes for the installation of security screens and grills
- environmental protection requirements relating to the disposal of waste material
- established communication channels and protocols
- problem identification and resolution
- types of tools and equipment and procedures for their safe use, operation and maintenance
- procedures for the recording, reporting and maintenance of workplace records and information

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 for assessment and evidence required to demonstrate competency in this unit

Read and interpret a work order/job specification

- Effectively install security screens and grills
- Effectively conduct operator maintenance on tools and equipment and report faults
- Comply with legislation, regulations, standards, codes of practice and established safe practices and procedures
- Communicate effectively and work safely with others in the work area

Context of, and specific resources for assessment

- The application of competency is to be assessed in the workplace or realistically simulated workplace
- Assessment is to occur under standard and authorised work practices, safety requirements and environmental constraints
- Assessment of essential underpinning knowledge, other than confirmatory questions, will usually be conducted in an off-site context
- Assessment is to comply with relevant regulatory or Australian Standards requirements
- The following resources should be made available:
 - workplace location or simulated workplace
 - materials and equipment relevant to the installation of security screens and grills
 - specifications and work instructions

Method of assessment

Assessment must satisfy the endorsed assessment guidelines of the Furnishing Industry Training Package

Assessment methods must confirm consistency and accuracy of performance (over time and in a range of workplace relevant contexts) together with application of underpinning knowledge

Assessment methods must be by direct observation of tasks and include questioning on underpinning knowledge to ensure its correct interpretation and application

Assessment may be applied under project related conditions (real or simulated) and require evidence of

EVIDENCE GUIDE

	<p>process</p> <p>Assessment must confirm a reasonable inference that competency is able not only to be satisfied under the particular circumstance, but is able to be transferred to other circumstances</p> <p>Assessment may be in conjunction with assessment of other units of competency</p>
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Range Statement

RANGE STATEMENT

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.

OHS requirements

- are to be in accordance with Commonwealth, State or Territory legislation and regulations, organisational safety policies and procedures. Requirements may include but not be limited to the use of personal protective equipment and clothing, fire fighting equipment, first aid equipment, hazard and risk control and elimination of hazardous materials and substances, manual handling including lifting and carrying.

Legislative requirements

- are to be in accordance with applicable legislation from all levels of government that affect organisational operation. Requirements may include but not be limited to award and enterprise agreements, industrial relations, Australian Standards, State and local government building codes, fire codes, confidentiality and privacy, OHS, the environment, equal opportunity, anti-discrimination, relevant industry codes of practice, duty of care and heritage.

Organisational requirements

- may include but not be limited to legal, organisational and site guidelines, policies and procedures relating to own role and responsibility, quality assurance, procedural manuals, quality and continuous improvement processes and standards, OHS, emergency and evacuation, ethical standards, recording and reporting, access and equity principles and practices, equipment use, maintenance and storage, environmental management (waste disposal, recycling and re-use guidelines)

Work order

- is to include instructions for the removal of existing screens and grills and the installation of security screens and grills including caveats on operational requirements where applicable.

RANGE STATEMENT	
	The Work Order is sometimes also known as a Job Sheet.
Appropriate personnel	<ul style="list-style-type: none"> may include but not be limited to supervisors, suppliers, clients, colleagues and managers
Tools and equipment	<ul style="list-style-type: none"> may include but not be limited to hand and power tools used in installation of security screens and grills and scaffolding, ladders, safety barricades and so on.
Records and reports	<ul style="list-style-type: none"> may include but not be limited to the operating limitations or requirements, lock type and location of combination/keys (if applicable), inspection outcomes where undertaken, quality outcomes, hazards, incidents or equipment malfunctions
Waste	<ul style="list-style-type: none"> may include but not be limited to off-cuts, shavings and sawdust

Unit Sector(s)

Unit sector	Security Screens and Grills
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Competency field

Competency field	
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Co-requisite units

Co-requisite units		