



**Australian Government**

# **MSFSS3001 Install security screens and grilles**

**Release: 1**

# MSFSS3001 Install security screens and grilles

## Modification History

Release 1 - New unit of competency

## Application

This unit of competency covers planning, preparing and installing security screens and grilles 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 security screens and grilles 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

Security Screens and Grilles

## Elements and Performance Criteria

Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.								
1 Plan and prepare for installation	<table><tr><td>1.1</td><td>Applicable work health and safety (WHS), legislative and organisational requirements relevant to security screens and grilles installation are verified and complied with</td></tr><tr><td>1.2</td><td>Work order is reviewed, confirmed and clarified with appropriate personnel</td></tr><tr><td>1.3</td><td>Security screens and grilles are identified and checked against the work order and located ready for installation</td></tr><tr><td>1.4</td><td>Tools and equipment are selected appropriate to work requirements and checked for operational effectiveness</td></tr></table>	1.1	Applicable work health and safety (WHS), legislative and organisational requirements relevant to security screens and grilles installation are verified and complied with	1.2	Work order is reviewed, confirmed and clarified with appropriate personnel	1.3	Security screens and grilles are identified and checked against the work order and located ready for installation	1.4	Tools and equipment are selected appropriate to work requirements and checked for operational effectiveness
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1.4	Tools and equipment are selected appropriate to work requirements and checked for operational effectiveness								

- in accordance with manufacturer recommendations
- |   |   |     |  |
|---|---|-----|--|
| 2 | Prepare installation position for security screen or grille | 2.1 | Any existing screens and grilles are removed, where necessary, to make way for the security screens and grilles              |
|   |   | 2.2 | Jamb stiles are assessed for the installation of the security screen/grilles frame and adjustments made as necessary         |
|   |   | 2.3 | Frame is positioned and secured in place so that the head/sill is level and stiles plumb                                     |
|   |   | 2.4 | Additional preparation for the locking mechanism is made where necessary   |
| 3 | Install security screens and grilles                        | 3.1 | Security screen/grille is inserted in the frame and tested for operation of open and shut                                    |
|   |   | 3.2 | Locking mechanism is installed and tested  |
|   |   | 3.3 | Items that do not meet quality requirements are repaired, recycled or discarded according to workplace procedures            |
|   |   | 3.4 | Installation completion and equipment faults are recorded and reported to the appropriate personnel                          |
| 4 | Clean work area   | 4.1 | Waste and scrap is removed following workplace procedures  |
|   |   | 4.2 | Tools used are cleaned; inspected for serviceable condition and stored appropriately in accordance with workplace procedures |
|   |   | 4.3 | Records and reports are completed to workplace requirements  |

## 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.

<b>Unit context includes:</b>	<ul style="list-style-type: none"><li>• WHS requirements, including legislation, building codes, material safety management systems, hazardous and dangerous goods codes, and local safe operating procedures or equivalent</li><li>• work is carried out in accordance with legislative obligations, environmental legislation, relevant health regulations, manual handling procedures and organisation insurance requirements</li><li>• work requires individuals to demonstrate some discretion, judgement and problem solving</li></ul>
<b>Work orders include:</b>	<ul style="list-style-type: none"><li>• instructions for the removal of existing screens and grilles and the installation of security screens and grilles, including caveats on operational requirements, where applicable</li></ul>
<b>Appropriate personnel include:</b>	<ul style="list-style-type: none"><li>• supervisors</li><li>• suppliers</li><li>• clients</li><li>• colleagues</li><li>• managers</li></ul>
<b>Tools and equipment include:</b>	<ul style="list-style-type: none"><li>• hand and power tools</li><li>• scaffolding</li><li>• ladders</li><li>• safety barricades</li></ul>
<b>Records and reports include:</b>	<ul style="list-style-type: none"><li>• operating limitations or requirements</li><li>• lock type and location of combination/keys (if applicable)</li><li>• inspection outcomes where undertaken</li><li>• quality outcomes</li><li>• hazards, incidents or equipment malfunctions</li></ul>
<b>Waste includes:</b>	<ul style="list-style-type: none"><li>• off-cuts</li><li>• shavings</li><li>• sawdust</li></ul>
<b>Personal protective equipment includes:</b>	<ul style="list-style-type: none"><li>• that prescribed under legislation, regulation and enterprise policies and practices</li></ul>
<b>Information and procedures include:</b>	<ul style="list-style-type: none"><li>• workplace procedures relating to the use of tools and equipment and personal protective equipment</li><li>• work instructions, including job sheets, cutting lists, plans, drawings and designs</li></ul>

- workplace procedures relating to reporting and communication
- manufacturer specifications and operational procedures

## **Unit Mapping Information**

Supersedes and is equivalent to LMFSS3001A Install security screens and grilles.

## **Links**

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