



Australian Government

MSFSSG301 Install non-security and security screens

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Modification History

Release	Comments
1	This unit of competency was first released in MSF Furnishing Training Package Release 9.0.

Application

This unit of competency describes the skills and knowledge required to identify and install non-security and security screens according to job requirements. The unit involves planning job requirements, identifying required products to be installed and their measurements and fasteners, and applying workplace procedures to ensure safe and correct installation compliant with industry and Australian Standards.

The unit applies to individuals working under limited supervision to install non-security screens and security doors and window screens in residential and commercial environments on surfaces, including aluminium, concrete, masonry, steel and timber.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety regulations, legislation and standards that apply to the workplace.

Licensing/Regulatory Information

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 non-security and security screens 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(s)

The pre-requisite units of competency for this unit are:

- MSFBAA310 Select and apply hardware and fixings for shading or security screen installation
- MSFSSG303 Assess suitability of security screens
- MSFWHS301 Identify installation work hazards and select risk control strategies

Competency field(s)

N/A

Unit sector(s)

Non-security and Security Screens (SSG)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for installation of non-security and security screens	1.1 Identify job and product requirements from work order and system technical manuals, and confirm with required personnel 1.2 Confirm type of screens to be installed and location of installation with customer 1.3 Assess installation site, existing services and substrate material to confirm it is safe and suitable for installation 1.4 Identify and apply workplace health and safety and personal protection requirements of installation 1.5 Plan logical, safe and efficient work sequence that reflects work order
2. Fit and fasten non-security and security screens	2.1 Identify and select required screens, tools and equipment based on work order, and check their safe and effective operation 2.2 Set up required product, materials and equipment in line with work instructions and manufacturer specifications 2.3 Prepare installation opening for screen, including surface protection 2.4 Insert and fasten screen and install locking mechanism according to work order and manufacturer specifications 2.5 Test installed screens and hardware for correct operation within limits of normal operation, and adjust and repair performance problems in line with own level of responsibility
3. Finalise installation	3.1 Check that completed work complies with quality and work order requirements, and rectify identified deficiencies within scope of own role 3.2 Clean work area and surfaces, and dispose of waste safely and sustainably according to workplace procedures 3.3 Identify and store surplus unused items for re-use and/or recycling according to workplace procedures

	3.4 Check, clean and store tools and equipment, and tag and report faulty items according to established workplace procedures 3.5 Advise customer on correct operation and maintenance of screen 3.6 Legibly complete and process workplace documentation according to workplace requirements
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Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Oral Communication	- Greet and interact professionally with customers - Identify and clarify customer requirements - Communicate information and advice to customer
Numeracy	- Interpret and use mathematical information in work instructions and system technical manuals - Measure materials and installation openings, including factoring in required tolerances

Range of conditions

No conditions apply to this unit of competency at the time of publication.

Unit Mapping Information

Current Code and Title	Previous Code and Title	Comments	Equivalence
MSFSSG301 Install non-security and security screens	MSFSS3004 Install non-security and security screens and grilles	Unit code updated Application updated Pre-requisites added Performance Criteria updated	Not equivalent

		Assessment Requirements revised	
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Assessment Requirements for MSFSSG301 Install non-security and security screens

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Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has installed:

- all of the following Australian Standard compliant window security screens:
 - fixed screen
 - operable screen
- plus, one of:
 - fall prevention screen
 - fly screen
- all of the following Australian Standard compliant door security screens:
 - hinged door
 - sliding door
- plus, one of:
 - double security door
 - bi-fold security door
 - non-security door.

At least one of these products must use Type 3 infill material as defined by Australian Standards.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- work order requirements and industry-accepted quality indicators and requirements:
 - safety considerations and potential dangers associated with incorrect installation

- consumer product safety standards and requirements
 - instructions for removing existing screens and installing replacement screens, including caveats on operational requirements
- key requirements of legislation, regulations, standards and codes of practice relevant to the full range of processes required to install non-security and security screens, including those relating to:
 - bushfire attack levels
 - fire attenuation
 - cyclone protection
 - fall prevention
- operation and maintenance requirements of non-security and security screens
- current trends in installing non-security and security screens
- workplace procedures relating to:
 - accessing and inspecting installation sites
 - safely installing and securing non-security and security screens
 - recording and reporting installation information, including installation particulars and declaration of compliance
- preparing installation position for screens:
 - removing existing screens
 - assessing suitability of jamb for screen frames to be installed to required SL rating
 - making adjustments to existing jambs
 - safely and securely positioning screen frames
 - preparing for locking mechanism
- types of common problems that occur during installation, and how to avoid and respond:
 - new installation problems
 - problems associated with existing opening and products in place
 - installing in openings that are out of square or are not level
 - correct application of infill and trim angles for finished appearance
- selection of and limitations of hardware and fixings to meet installation compliance requirements for varying substrate materials
- characteristics and limitations of the following items required for the installation of non-security and security screens:
 - tabs
 - interlocks

- jamb adaptors
- fittings, fixings and fasteners
- locks
- rollers
- closers
- tracks
- hinges.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - assessment must occur in the workplace, or in an environment that accurately reflects workplace conditions and contingencies
- resources, equipment and materials:
 - non-security and security screens to be installed
 - locations requiring installation
 - personal protective equipment applicable to job requirements
 - hardware, fixings, tools and equipment for installing non-security and security screens
- specifications:
 - workplace health and safety documentation
 - work orders and job sheets
 - legislative and workplace requirements and procedures
 - system technical manuals and manufacturer specifications
- relationships:
 - supervisor
 - customer.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Link

Companion volumes, including implementation guides, are found on the national training register - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>.