



Australian Government

MSFSSG302 Assemble 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 measure and assemble non-security and security door and window screens and their components. It involves following workplace procedures that comply with the requirements of industry and Australian Standards.

The unit applies to individuals who work under limited supervision to assemble non-security and security screens, which may consist of varying configurations or types for a variety of applications.

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

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite unit(s)

No prerequisite units.

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 to assemble non-security and security screens	1.1 Identify job requirements from work instructions, and select work method for assembling screens 1.2 Calculate quantity of required materials, and prepare cutting list from plans, work instructions and measurements of opening to suit type of screen to be installed 1.3 Select fittings, fixings, joining devices and materials, and tools and equipment to meet job requirements 1.4 Check safe and effective operation of tools and equipment according to manufacturer specifications 1.5 Check size, colour, quantity, finish and profile of screen components against work order and product technical manuals 1.6 Plan work sequence to suit job requirements and workplace procedures
2. Assemble and install hardware to non-security and security screens	2.1 Measure and mark materials according to cutting list requirements and to maximise economical use 2.2 Cut materials according to cutting list requirements and workplace procedures 2.3 Assemble components of screens in line with workplace health and safety requirements and job requirements, industry standards and workplace procedures 2.4 Install hardware to screens according to manufacturer specifications and workplace procedures, and test with screen in vertical position 2.5 Identify and report non-routine problems to designated personnel according to workplace procedures
3. Finalise assembly	3.1 Check that assembled product complies with quality and work instruction requirements, and rectify identified deficiencies within scope of own role 3.2 Clean and store the assembled product and required hardware and fixings for installation according to workplace procedures 3.3 Check, clean and store tools and equipment, and tag and report faulty items according to workplace procedures 3.4 Identify and store surplus unused materials for re-use and/or recycling according to workplace procedures 3.5 Clean work area and surfaces, and dispose of waste safely and sustainably according to workplace procedures

	3.6 Legibly complete and process required 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	Clearly communicate information to confirm work requirements and specifications, and report work outcomes and problems
Numeracy	- Interpret and use mathematical information in familiar work instructions - Use mathematical ideas and techniques to complete measurements and estimate material requirements

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
MSFSSG302 Assemble non-security and security screens	MSFSS3005 Assemble non-security and security screens and grilles	Unit code updated Application updated Performance Criteria updated Assessment Requirements revised	Not equivalent

Assessment Requirements for MSFSSG302 Assemble 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 assembled:

- 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 instruction requirements, and industry-accepted quality indicators and requirements, relating to the assembly of security screens:
 - key requirements of industry and Australian Standards

- safety considerations and potential dangers associated with incorrect assembly
- operation and uses of range of non-security and security screens
- workplace health and safety (WHS) procedures, practices and regulations specific to assembly
- techniques for assembling non-security and security screens that include processes that:
 - conform to quality requirements
 - comply with system technical manuals and manufacturer specifications
 - comply with labelling requirements under Australian Standards
- waste minimisation strategies for measuring, marking and cutting materials
- tools, materials and equipment, including personal protective equipment (PPE) commonly used to assemble security and non-security screens
- how characteristics and limitations of materials affect the assembly process:
 - framing material
 - jamb adaptors
 - infill material
 - anti-jemmy protection
 - interlocks
 - corner stakes
 - fittings, fixings and fasteners
 - hardware, including closers, locks, hinges and rollers
 - gaskets and seals
 - wedges and inserts
 - midrails.

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, and work areas
 - PPE applicable to job requirements

- materials required in the assembly of screens, including aluminium or other framing and sheeting materials
 - fittings, fixings and fasteners
 - tools and equipment applicable to job requirements
- specifications:
 - WHS documentation specific to the assembly
 - work orders, customer orders, job cards and work quotations
 - workplace procedures
 - system technical manuals and manufacturer specifications
- relationships:
 - supervisor.

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>.