



Australian Government

MSFSS3005 Assemble non-security and security screens and grilles

Release: 1

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Modification History

Release 1. No equivalent unit. Supersedes but is not equivalent to MSFSGG2010 Fabricate and install insect and security screens

Application

This unit of competency describes the skills and knowledge required to measure and assemble non-security and security screens and window grilles and their components. It involves following workplace procedures that comply with the requirements of industry and Australian standards.

The unit applies to those assembling non-security and security screens and grilles for residential and commercial environments. The screens and grilles may be for hinged and sliding door and window openings, and for emergency egress.

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

Pre-requisite Unit

Not applicable.

Unit Sector

Non-security and security screens and grilles

Elements and Performance Criteria

Elements	Performance Criteria	
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.	
1. Prepare to assemble non-security and security screens and grilles	1.1	Identify job requirements from work instructions and select work method for assembling screens and grilles
	1.2	Calculate quantity of required materials and prepare cutting list from plans, work instructions and measurements of opening to suit type of screen or grille 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

Elements Elements describe the essential outcomes.	Performance Criteria Performance criteria describe the performance needed to demonstrate achievement of the element.	
		according to manufacturer specifications
	1.5	Plan work sequence to suit job requirements and workplace procedures
	1.6	Check size, quantity, finish and profile of screen and grille components against work order
2. Assemble non-security and security screens and grilles	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 and grilles in line with work health and safety (WHS) requirements and job requirements, industry standards and workplace procedures
	2.4	Fasten fittings to screens and grilles according to workplace procedures
	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 work area and surfaces, and dispose of waste safely and sustainably according to workplace procedures
	3.3	Identify and store surplus unused materials for re-use and recycling according to workplace procedures
	3.4	Check tools and equipment, and tag and report faulty items according to workplace procedures
	3.5	Clean and store remaining tools and equipment according to workplace procedures
	3.6	Legibly complete and process required workplace documentation according to workplace requirements

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria of this unit of competency.	
Numeracy skills to:	• interpret, discuss and use mathematical information in familiar work orders, cutting lists, and basic plans, drawings and designs • use mathematical ideas and techniques to complete measurements, calculate area and estimate material requirements
Reading skills to:	• interpret routine workplace documentation, including: • WHS requirements • workplace assembly procedures • routine work instructions, including work orders, cutting lists, and basic plans, drawings and designs

Unit Mapping Information

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Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>