



Australian Government

MSFBA3011 Assemble awnings

Release: 1

MSFBA3011 Assemble awnings

Modification History

Release 1. New unit of competency.

Application

This unit of competency describes the skills and knowledge required to prepare and assemble a range of awnings according to job requirements. The unit involves planning job requirements, identifying required products and components to be assembled and their measurements, and applying workplace procedures to ensure safe and correct assembly.

The unit applies to those assembling any awning for residential and commercial environments. The styles of awning to be assembled include folding-arm and canopy style. The awnings include light-weight domestic, heavy-weight commercial, and fire-rated and cyclone-rated. They may be intended for installation in a range of openings, including windows, doors and building entrances.

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

Pre-requisite Unit

Not applicable.

Unit Sector

Blinds and awnings

Elements and Performance Criteria

Elements Elements describe the essential outcomes.	Performance Criteria Performance criteria describe the performance needed to demonstrate achievement of the element.	
1. Prepare to assemble awnings	1.1	Identify and confirm job requirements and style of awning to be assembled from work order and supplier instructions
	1.2	Identify work health and safety (WHS) and personal protection requirements of assembly
	1.3	Select tools and equipment, and check their safe and effective operation
	1.4	Select materials from stock and check against job requirements

Elements Elements describe the essential outcomes.	Performance Criteria Performance criteria describe the performance needed to demonstrate achievement of the element.	
	1.5	Plan logical, safe and efficient work sequence that reflects work order and quality requirements, and economically uses materials
2. Assemble awnings	2.1	Source required materials, equipment, and awning mechanisms in line with work instructions and manufacturer specifications
	2.2	Lay out, measure, mark and cut materials for awning
	2.3	Assemble component parts according to job requirements and manufacturer specifications
	2.4	Finish awning assembly according to work instructions
3. Finalise assembly	3.1	Check that assembled awning complies with quality and work order requirements, and rectify identified deficiencies within scope of own role or report to designated personnel
	3.2	Clean assembled awning according to workplace procedures
	3.3	Check tools and equipment, and tag and report faulty items according to workplace procedures
	3.4	Clean, maintain and store remaining tools and equipment 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 procedures

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 work orders, work instructions and awning specifications - use mathematical information to estimate and measure assembly requirements, including required tolerances
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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.

Oral communication skills to:	• communicate ideas and information to confirm work requirements and specifications and report work outcomes and problems: • speaking clearly • asking questions to gain information
Reading skills to:	• interpret routine workplace documentation, including: • WHS requirements and procedures • workplace assembly requirements and operator instructions • work orders and instructions • awning specifications, including design, size and quantity

Unit Mapping Information

Release 1. New unit of competency. No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for MSFBA3011 Assemble awnings

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Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements, performance criteria, and foundation skills of this unit, which must include the ability to:

- safely and correctly assemble each of the following styles of awnings:
 - roll-up style
 - canopy style
 - folding-arm style, including preparing skin
 - metal louvre style.

In the course of each of the above assemblies, the person must:

- interpret work order, and locate required materials, tools and equipment
- select and set up required product and components according to manufacturer specifications and workplace procedures and quality requirements
- apply safe lifting and handling procedures
- follow work instructions and safe operating procedures to:
 - minimise risk of injury to self and others
 - prevent damage to tools, equipment and products
 - maintain required production output and quality
 - use hand and power tools safely
 - use personal protective equipment (PPE)
- report material faults, damaged products and equipment
- use and dispose of waste sustainably
- avoid backtracking, work flow interruptions and wastage.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- features of assembly work orders and supplier instructions relating to the awnings in the performance evidence, and how to identify and interpret key information
- work order requirements, and industry-accepted quality indicators and requirements, relating to assembly work described in performance evidence:
 - key requirements of Australian standards and codes of practice for assembly
 - safety considerations and potential dangers associated with incorrect assembly
 - cutting patterns and sequences

- identifying work process problems and resolving within scope of own role
- work health and safety (WHS) legislation, regulations, standards, codes of practice, and procedures specific to assembly work described in performance evidence:
 - legislation and codes of practice relating to child safety mechanisms
 - controlling hazards and risks
 - eliminating hazardous materials and substances
 - using firefighting equipment and first aid equipment
 - using personal protective equipment:
 - hearing protection
 - protective clothing and head wear
 - respiratory protection
 - safety footwear
 - safety glasses and goggles
- workplace procedures relating to:
 - communication channels and protocols
 - manual handling, including lifting and carrying
 - safely cutting and assembling awnings
 - following manufacturer instructions and procedures
 - cleaning and storing assembled awnings
 - storing surplus unused items
 - assessing condition of cutting tools
 - tagging and reporting faulty tools and equipment
 - disposing of waste safely and in an environmentally sustainable manner
 - recycling and re-use guidelines
 - using, cleaning, maintaining and storing tools and equipment
 - recording and reporting assembly information
- techniques for measuring, cutting, setting up and assembling awnings described in performance evidence that:
 - conform to quality requirements
 - comply with supplier instructions and manufacturer specifications
 - maximise the appearance of the finished work
 - provide for the most economical use of materials and labour
- mathematical methods for estimating and measuring assembly materials and openings, including factoring in required tolerances
- types of common problems that occur during assembly, and how to avoid and respond
- systems for storing and labelling materials required for assembly work
- types, characteristics, terminology, uses, maintenance and limitations of the following items required for the assembly described in performance evidence:
 - awning components and materials
 - operating mechanisms required for type of awning being assembled
 - fittings and attachments, including threads

- tools and equipment used to assemble awnings, and procedures for their safe use, operation and maintenance:
 - cutting tools
 - cutting bench
 - saws
- documentation requirements for assembly work described in performance evidence.

Assessment Conditions

Assessment must occur in the workplace, or in a simulated environment that reflects workplace conditions and contingencies.

Access is required to tools, materials, equipment and specifications for the assembly described in the performance evidence above, including:

- awnings requiring assembly as specified in the performance evidence
- PPE applicable to job requirements
- WHS documentation specific to the assembly
- tools and equipment specified in the knowledge evidence
- workplace documentation required for assembly work, including:
 - work orders
 - workplace procedures specified in the knowledge evidence
 - supplier instructions and manufacturer specifications.

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

Links

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