



Australian Government

MSFBA3004 Construct folding-arm style awnings

Release: 1

MSFBA3004 Construct folding-arm style awnings

Modification History

Release 1 - New unit of competency

Application

This unit of competency covers constructing folding-arm style awnings. It applies in a workplace environment and may be conducted in small to large scale enterprises.

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

Pre-requisite Unit

Competency Field

Unit Sector

Blinds and awnings

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1	Establish work requirements and prepare for work	1.1	Work health and safety (WHS) requirements, legislative requirements and workplace practices are observed throughout the work
		1.2	Personal protective equipment is selected and used
		1.3	Work order requirements are checked and confirmed
		1.4	Tools and equipment are selected and checked for safe operation
		1.5	Material and hardware is selected and checked against work requirements with material checked for flaws
2	Cut materials ready for assembly	2.1	Folding arms are selected following work order and workplace practices
		2.2	Roller, front rail and square head rail are cut

		2.3	Correct side of material and pattern direction is identified
		2.4	Material for skin is laid out laid out flat and square on a cutting table large enough to take full width of material, marked using chalk, markers or pencil and cut
		2.5	Material is joined to form awning skin
		2.6	Measurements are checked against work order
3	Construct awning	3.1	Arm assembly is constructed following manufacturer instructions
		3.2	Roller and front rail are attached to skin
		3.3	Skin is fitted to arm assembly
4	Make quality checks	4.1	Completed awnings are checked ensuring finished product matches work order
		4.2	Completed awning is tested within the limitations of normal operation to ensure correct and safe operation and parts of the work that do not comply with work order are repaired or re-worked
5	Complete work	5.1	Finished work is cleaned, packaged with installation hardware and stored following workplace practices
		5.2	Tools and equipment are cleaned, maintained and stored
		5.3	Faulty tools and equipment are reported to appropriate personnel
		5.4	Work area is cleaned and waste is disposed of in accordance with workplace practices and environmental legislation covering disposal of industrial waste
		5.5	Workplace documentation is completed

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.

WHS requirements include:

- Commonwealth, state or territory legislation and regulations
- organisational safety policies and procedures
- the use of personal protective equipment and clothing
- firefighting equipment
- first aid equipment
- hazard and risk control and elimination of hazardous materials and substances
- manual handling, including lifting and carrying

Legislative requirements include:

- applicable legislation from all levels of government that affect organisational operation
- award and enterprise agreements
- industrial relations
- Australian Standards
- confidentiality and privacy
- the environment
- equal employment opportunity (EEO)
- anti-discrimination
- relevant industry codes of practice
- duty of care and heritage

Workplace practices include:

- legal, organisational and site guidelines
- policies and procedures relating to own role and responsibility
- quality assurance
- procedural manuals
- quality and continuous improvement processes and standards
- emergency and evacuation
- ethical standards
- recording and reporting

	• access and equity principles and practices • equipment use, maintenance and storage • environmental management (waste disposal, recycling and re-use guidelines) • tolerances • following manufacturer instructions
Personal protection needs include:	• safety glasses/goggles • hearing protection • safety footwear • protective clothing and head wear • respiratory protection
Work orders include:	• quotations for work • job cards • customer orders • specifications, including design, size, colour and quantity
Tools and equipment include:	• hex keys • drills (power or battery) • drill bits • hammer • socket set
Material includes:	• canvas • acrylic • PVC mesh
Hardware includes:	• roller • front rail • square bar • end caps • end brackets • gear box or electric motor • nuts, bolts and extendable arms
Folding arms include:	• straight or cross-over style
Joining includes:	• sewing or welding processes
Manufacturer instructions include:	• written instruction booklets or instructions on the hardware or packaging
Appropriate personnel include:	• supervisor • team leader • maintenance officer • manager or any other person responsible for the work activity

- Waste includes:**
- textiles
 - metal
 - hardware
- Workplace documentation includes:**
- time sheets
 - customer care cards
 - work orders
 - reports

Unit Mapping Information

Supersedes and is equivalent to LMFBA3004A Construct folding arm style awnings

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 MSFBA3004 Construct folding-arm style awnings

Modification History

Release 1 - New unit of competency

Performance Evidence

- Interpret work order, locate materials and use information to complete tasks in constructing folding-arm style awnings
- Apply safe handling practices and safe operating procedures for equipment, products and materials to:
 - minimise the risk of injury to self or others
 - prevent damage to goods, equipment and products
- Identify materials and equipment used in constructing folding-arm style awnings
- Select, set up and maintain equipment in accordance with manufacturer specifications and workplace practices
- Construct a minimum of two (2) folding-arm style awnings. Task is to include constructing the arm assembly; preparing skin; assembling awning; cleaning, packaging and storing completed awning; cleaning work area; and completing workplace documentation, such as reporting material faults, damaged products or equipment
- Communicate ideas and information to enable confirmation of work requirements and specifications and the reporting of work outcomes and problems, interpret basic plans and follow safety procedures
- Avoid backtracking, work flow interruptions or wastage
- Work with others and in a team by recognising dependencies and using cooperative approaches to optimise work flow and productivity

Knowledge Evidence

- State or territory WHS legislation, regulations, standards and codes of practice relevant to the full range of processes for constructing folding-arm style awnings
- Organisational and site standards, requirements, policies and procedures for constructing folding-arm style awnings
- Reading and interpreting workplace documents, including work orders, work instructions and operator instructions
- Environmental protection requirements relating to the disposal of waste material
- Established lines of communication and protocols
- Types of tools and equipment and procedures for their safe use, operation and maintenance
- Terms used to describe components of folding-arm style awnings
- Characteristics of materials used to construct folding-arm style awnings
- Storage systems and labelling

- Procedures for the recording, reporting and maintenance of workplace records and information
- Mathematical techniques for estimation and measurement of materials

Assessment Conditions

- Assessors must:
 - hold training and assessment competencies as determined by the National Skills Standards Council (NSSC) or its successors
 - have vocational competency in the furnishing industry at least to the level being assessed with broad industry knowledge and experience, usually combined with a relevant industry qualification
 - be familiar with the current skills and knowledge used and have relevant, current experience in the furnishing industry.
- Assessment methods must confirm consistency of performance over time rather than a single assessment event and in a range of workplace relevant contexts.
- Assessment must be by observation of relevant tasks with questioning on underpinning knowledge and, where applicable, multimedia evidence, supervisor's reports, projects and work samples.
- Assessment is to be conducted on single units of competency or in conjunction with other related units of competency. Foundation skills are integral to competent performance in the unit and should not be assessed separately.
- Assessment must occur on the job or in a workplace simulated facility with relevant process, equipment, materials, work instructions and deadlines.
- Access is required to a location relevant to constructing folding-arm style awnings; and workplace practices, including standard operating procedures and work instructions, for constructing folding-arm style awnings.

Links

Companion Volume implementation guides are found in VETNet -

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