



Australian Government

MSFBA2010 Construct aluminium roll-up style awnings

Release: 1

MSFBA2010 Construct aluminium roll-up style awnings

Modification History

Release 1 - New unit of competency

Application

This unit of competency covers constructing aluminium roll-up style awnings. The unit 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	Plan and prepare 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 orders are checked and confirmed
		1.4	Tools and equipment are selected and checked for safe operation
		1.5	Aluminium stock and hardware are selected and checked against work requirements.
2	Cut materials ready for assembly	2.1	Head box, roller and bottom rail are cut
		2.2	Spring is selected according to manufacturer specifications

		2.3	Aluminium panels are cut
		2.4	Measurements are checked against work order
3	Construct awning	3.1	Aluminium panels are joined to form awning skin
		3.2	Roller and bottom rail are installed to skin
		3.3	Spring and pin end are fitted to roller
		3.4	End caps and pull ring are installed to bottom rail
4	Make quality checks	4.1	Completed awnings are checked ensuring finished product matches work order
		4.2	Finished blind is tested within limits of correct operation for correct operation and parts of the work that do not comply with work order are repaired or re-worked
5	Complete work	5.1	Arms and fittings are selected ready for installation
		5.2	Finished work is cleaned, packaged with installation hardware and stored following workplace practices
		5.3	Tools and equipment are cleaned, maintained and stored
		5.4	Faulty tools and equipment are reported to appropriate personnel
		5.5	Work area is cleaned and waste is disposed of in accordance with workplace practices and environmental legislation covering disposal of industrial waste

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 protective equipment includes:

- safety glasses/goggles
- hearing protection
- safety footwear
- protective clothing
- respiratory protection

Work orders include:	• quotations for work • job cards • customer orders • worksheets • specifications, including design, size, colour and quantity
Hardware includes:	• screws • rivets • roller • bottom rail • head box components • spring • pin end • pull ring • end caps • rivets
Tools and equipment include:	• guillotine • screw drivers • pop rivet gun
Manufacturer instructions include:	• written instruction booklets, instructions on the tools and equipment or instructions for correct usage
Joining includes:	• riveting or welding processes
Appropriate personnel include:	• assessor • trainer • supervisor • team leader • maintenance officer • manager or any other person responsible for the work activity
Waste includes:	• metal • hardware
Workplace documentation includes:	• time sheets • customer care cards • work orders

Unit Mapping Information

Supersedes and is equivalent to LMFBA2011A Construct aluminium roll up 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 MSFBA2010 Construct aluminium roll-up style awnings

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Performance Evidence

- Interpret work order, locate materials and use information to complete tasks in constructing aluminium roll-up 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 aluminium roll-up style awnings
- Select, set up and maintain equipment in accordance with manufacturer specifications and workplace practices
- Construct a minimum of two (2) aluminium roll-up style awnings. Task is to include selecting materials; cutting aluminium panels; preparing hardware; constructing awning skin; applying hardware; cleaning, packaging and storing completed awning; cleaning work area; maintaining and storing tools and equipment; 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 aluminium roll-up style awnings
- Organisational and workplace standards, requirements, policies and procedures for constructing aluminium roll up 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 used to construct aluminium roll-up style awnings and procedures for their safe use, operation and maintenance
- Terms used to describe components of aluminium roll-up style awnings
- Characteristics of aluminium used in the construction of roll-up style awnings

- Set-up, operation and maintenance of static machines used in the construction of aluminium roll-up 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 aluminium roll-up style awnings; and workplace practices, including standard operating procedures for constructing aluminium roll-up style awnings

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