



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **LMFBA2011A Construct aluminium roll up style awnings**

**Revision Number: 1**

## LMFBA2011A Construct aluminium roll up style awnings

### Modification History

Not applicable.

### Unit Descriptor

<b>Unit descriptor</b>	This unit specifies the outcomes required to construct aluminium roll up style awnings for exterior applications
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### Application of the Unit

<b>Application of the unit</b>	<p>This unit applies to the skills and knowledge required to construct aluminium roll up style awnings. The unit applies in a workplace environment and may be conducted in small to large scale enterprises.</p> <p>Applications may include some complex or non routine activities involving individual responsibility or autonomy and collaboration with others through members of groups or teams</p>
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### Licensing/Regulatory Information

Not applicable.

### Pre-Requisites

<b>Prerequisite units</b>	Nil	

## Employability Skills Information

<b>Employability skills</b>	This unit contains employability skills.
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## Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.
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## Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Establish work requirements and prepare for work	1.1. <b>OHS requirements, legislative requirements</b> and <b>workplace practices</b> are observed throughout the work 1.2. <b>Personal protective equipment</b> is selected and used 1.3. <b>Work orders</b> are checked and confirmed 1.4. <b>Tools and equipment</b> are selected and checked for safe operation 1.5. Aluminium stock and <b>hardware</b> is selected and checked against work requirements.
2. Cut materials ready for assembly	2.1. Hoodbox, roller and bottom rail are cut 2.2. Spring is selected according to <b>manufacturer specifications</b> 2.3. Aluminium panels are cut 2.4. Measurements are checked against work order
3. Construct awning	3.1. Aluminium panels are <b>joined</b> 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. Apply quality checks	4.1. Completed awnings are checked ensuring finished product matches work order 4.2. Finished blind is <b>tested</b> for correct operation 4.3. Parts of the work that do not comply with work order are repaired or reworked
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 <b>appropriate personnel</b> 5.5. Work area is cleaned and <b>waste</b> is disposed of according to workplace procedures 5.6. <b>Workplace documentation</b> or reporting is completed

## Required Skills and Knowledge

### REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

#### Required skills

- communicate with site supervisor to:
  - confirm work orders and instructions
  - identify problems
  - report outcomes of constructing aluminium roll up style awnings
- work with others and in a team to construct aluminium roll up style awnings
- use pre-checking and inspection techniques to anticipate production problems, avoid reworking and wastage
- participate in establishing new ideas and work specifications for constructing aluminium roll up style awnings
- plan and organise own work, including preparation and layout of work area and obtaining equipment and materials to avoid backtracking
- follow workplace induction principles
- accurately plan and organise own work activities
- adapt to new skill requirements
- use workplace technology related to construct aluminium roll up style awnings, including specified tools, equipment, calculators and measuring devices

#### Required knowledge

- State or Territory OHS 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



## Evidence Guide

### EVIDENCE GUIDE

The Evidence Guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

#### Critical aspects for assessment and evidence required to demonstrate competency in this unit

- 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
- Communicate and work with others in the work area
- Report process for materials faults, damaged products or equipment
- Construct a minimum of two 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, completing workplace documentation

#### Context of, and specific resources for assessment

- The application of competency is to be assessed in the workplace or simulated workplace
- Assessment is to occur under standard and authorised work practices, safety requirements and environmental constraints
- Assessment of required knowledge and skills may be conducted in workplace or simulated workplace environments
- The following resources should be made available:
  - workplace location or simulated workplace
  - materials and equipment relevant to constructing aluminium roll up style awnings
  - workplace practices including standard operating procedures and work instructions for constructing aluminium roll up style awnings

**EVIDENCE GUIDE****Method of assessment**

Assessment methods must confirm consistency and accuracy of performance (over time and in a range of workplace relevant contexts) together with application of required knowledge and skills

Assessment methods should be by direct observation of tasks and include questioning on required knowledge and skills to ensure its correct interpretation and application

Assessment should be conducted over time and may be in conjunction with assessment of other units of competency



## Range Statement

<b>RANGE STATEMENT</b>	
<p>The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.</p>	
<b>OHS requirements</b>	<ul style="list-style-type: none"> <li>include Commonwealth, State or Territory legislation and regulations, organisational safety policies and procedures. Requirements may include the use of personal protective equipment and clothing, fire fighting equipment, First Aid equipment, hazard and risk control and elimination of hazardous materials and substances, manual handling including lifting and carrying</li> </ul>
<b>Legislative requirements</b>	<ul style="list-style-type: none"> <li>include applicable legislation from all levels of government that affect organisational operation. Requirements may include award and enterprise agreements, industrial relations, Australian Standards, confidentiality and privacy, the environment, equal opportunity, anti-discrimination, relevant industry codes of practice, duty of care and heritage</li> </ul>
<b>Workplace practices</b>	<ul style="list-style-type: none"> <li>may 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's instructions and specifications</li> </ul>
<b>Personal protective equipment</b>	<ul style="list-style-type: none"> <li>Personal protection needs may include safety glasses/goggles, hearing protection, safety footwear, protective clothing, respiratory protection</li> </ul>
<b>Work order</b>	<ul style="list-style-type: none"> <li>may include quotations for work, job cards, customer orders, worksheets</li> <li>specifications including design, size, colour</li> </ul>

<b>RANGE STATEMENT</b>	
	and quantity
<b>Hardware</b>	<ul style="list-style-type: none"> <li>may include screws, rivets, roller, bottom rail, hood box components, spring, pin end, pull ring, end caps, rivets</li> </ul>
<b>Tools and equipment</b>	<ul style="list-style-type: none"> <li>include guillotine, screw drivers, pop rivet gun,</li> </ul>
<b>Manufacturer instructions</b>	<ul style="list-style-type: none"> <li>may be written instruction booklets, instructions on the tools and equipment or instructions for correct usage</li> </ul>
<b>Joined</b>	<ul style="list-style-type: none"> <li>may include riveting or welding processes</li> </ul>
<b>Tested</b>	<ul style="list-style-type: none"> <li>within limits of correct operation</li> </ul>
<b>Appropriate personnel</b>	<ul style="list-style-type: none"> <li>includes assessor, trainer, supervisor, team leader, maintenance officer or manager or any other person responsible for your work activity</li> </ul>
<b>Waste</b>	<ul style="list-style-type: none"> <li>may include metal and hardware</li> <li>waste removal should be in accordance with workplace practices and environmental legislation covering disposal of industrial waste</li> </ul>
<b>Workplace documentation</b>	<ul style="list-style-type: none"> <li>may include time sheets, customer care cards, work orders</li> </ul>

## Unit Sector(s)

<b>Unit sector</b>	Blinds and awnings
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## Competency field

<b>Competency field</b>	
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## Co-requisite units

Co-requisite units		