



Australian Government

Department of Education, Employment and Workplace Relations

LMFBA2010A Construct metal louvre and canopy hooded style awnings

Revision Number: 1

LMFBA2010A Construct metal louvre and canopy hooded style awnings

Modification History

Not applicable.

Unit Descriptor

Unit descriptor	This unit specifies the outcomes required to construct fixed open, fixed closed and adjustable metal louvre and canopy hooded style awnings.
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Application of the Unit

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

Not applicable.

Pre-Requisites

Prerequisite units	Nil	

Employability Skills Information

Employability skills	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. Plan and prepare work	1.1. OHS 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. Materials and hardware are selected and checked against work requirements. 1.5. Tools and equipment are selected and checked for safe operation
2. Cut stock and assemble awning	2.1. Metal stock is cut to manufacturer's recommendations 2.2. Metal is bent to form shape of awning 2.3. Awning is assembled to manufacturer specifications
3. Apply quality checks	3.1. Completed awnings are checked ensuring finished product matches work order 3.2. Completed awning is tested for correct operation 3.3. Parts of the work that do not comply with work order are repaired or reworked
4. Complete work	4.1. Finished work is cleaned, protected and stored following workplace practices 4.2. Tools and equipment are cleaned, maintained and stored 4.3. Faulty tools and equipment are reported to appropriate personnel 4.4. Work area is cleaned and waste is disposed of according to workplace practices 4.5. Workplace documentation 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 metal louvre and canopy hooded style awnings
- work with others and in a team to construct metal louvre and canopy hooded style awnings
- use pre-checking and inspection techniques to anticipate production problems, avoid re-working and wastage
- participate in establishing new ideas and work specifications for constructing metal louvre and canopy hooded 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 constructing metal louvre and canopy hooded 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 metal louvre and canopy hooded style awnings
- organisational and workplace standards, requirements, policies and procedures for constructing metal louvre and canopy hooded 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 metal louvre and canopy hooded style awnings and procedures for their safe use, operation and maintenance
- terms used to describe components of metal louvre and canopy hooded style awnings
- characteristics of metals used in the construction of metal louvre and canopy hooded style awnings
- set up, operation and maintenance of static machines used in the construction of metal louvre and canopy hooded style awnings

REQUIRED SKILLS AND KNOWLEDGE

- 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 metal louvre and canopy hooded 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 metal louvre and canopy hooded 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 one metal louvred awnings and one metal canopy hooded awning. Task is to include selecting materials and hardware, machining material as required by manufacturer of metal stock, assembling awnings, cleaning, packaging and storing awnings, cleaning work area, maintaining and storing equipment and completing workplace documentation and reports.

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 environment
- The following resources should be made available:
 - workplace location or simulated workplace
 - materials and equipment relevant to constructing metal louvre and canopy hooded style awnings
 - workplace practices including standard operating procedures and work instructions for constructing

EVIDENCE GUIDE	
	metal louvre and canopy hooded style awnings
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

RANGE STATEMENT

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.

OHS requirements	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.
Legislative requirements	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.
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 and specifications
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

RANGE STATEMENT	
Material	may include aluminium, steel panels and stringers
Hardware	may include rivets, screws,
Tools and equipment	may include drills, pop rivet guns, screw guns, guillotine, panel saws, benders, shears
Manufacturer specifications	may include written or verbal specifications
Tested	within limits of normal operation
Appropriate personnel	includes assessor, trainer, supervisor, team leader, maintenance officer or manager or any other person responsible for your work activity
Waste	may include textiles, metal, timber
Workplace documentation	may include time sheets, customer care cards, work orders reports

Unit Sector(s)

Unit sector	Blinds and awnings
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Competency field

Competency field	
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Co-requisite units

Co-requisite units		