



Australian Government

Department of Education, Employment and Workplace Relations

LMFBA2007A Construct textiles for canopy style awnings

Revision Number: 1

LMFBA2007A Construct textiles for canopy style awnings

Modification History

Not applicable.

Unit Descriptor

Unit descriptor	This unit specifies the outcomes required to construct the textile components of canopy 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 textiles for canopy 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 and 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 for 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 order is reviewed, confirmed and clarified with appropriate personnel 1.4. Frame is measured and quantities of materials calculated 1.5. Textiles are selected and checked for flaws according to workplace practices 1.6. Tools and equipment are selected and used according to workplace practices and manufacturer's instructions
2. Lay out, mark and cut textiles	2.1. Correct side of textile, naps, direction of patterns and pattern matches are identified 2.2. Textiles are laid over frame 2.3. Textiles are measured and marked to fit frame leaving joining allowances 2.4. Panels are marked and cut 2.5. Scallops are marked and cut 2.6. Textiles are cut 2.7. Measurements are checked against work order
3. Join textiles	3.1. Textiles are joined according to workplace practices 3.2. Textiles are laid over frame and perimeter pockets marked 3.3. Pockets are sewn 3.4. Scallop edging is attached
4. Construct awning	4.1. Method of fixing skin to frame is determined 4.2. Textile skin is constructed according to work instructions 4.3. Skin is attached to frame according to work instructions 4.4. Frame is braced
5. Apply quality checks	5.1. Completed awnings are checked ensuring finish and final size match work requirements 5.2. Parts of the work that do not comply with work order are repaired or reworked 5.3. Frame is checked for damage and repairs made if

ELEMENT	PERFORMANCE CRITERIA
	necessary according to workplace practices
6. Complete work	6.1. Finished work is cleaned, protected and stored following workplace practices 6.2. Tools and equipment are cleaned, maintained and stored 6.3. Faulty tools and equipment are reported to appropriate personnel 6.4. Work area is cleaned and waste is disposed of according to workplace practices 6.5. 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 textiles for canopy style awnings
- work with others and in a team to construct textiles for canopy 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 textiles for canopy 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 textiles for canopy 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 textiles for canopy style awnings
- organisational and workplace standards, requirements, policies and procedures for constructing canopy 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 textiles for canopy style awnings and procedures for their safe use, operation and maintenance
- terms used to describe components of canopy style awnings
- characteristics of textiles used for canopy style awnings
- set up and operation of static machines
- cutting patterns and sequences
- cutting tool condition including sharpness, straightness and suitability for task
- industry standard cross sections and lengths for framing materials
- industry standard textile widths

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 construct textiles for canopy 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 canopy 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 three different textile canopy style awnings. Task is to include measuring, cutting, joining and fixing the skin to the frame with a tight drum-like finish.

Context of, and specific resources for assessment

- The application of competency is to be assessed in the workplace or simulated workplace environment
- 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 work based and off site contexts
- The following resources should be made available:
 - workplace location or simulated workplace
 - materials and equipment relevant to constructing textiles for canopy style awnings
 - workplace practices including standard operating procedures and work instructions for constructing textiles for canopy 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

EVIDENCE GUIDE

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	includes 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	includes 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 order	- may include quotations for work, job cards, customer orders, worksheets - specifications including design, size and colour

RANGE STATEMENT	
Appropriate personnel	may include supervisors, suppliers, clients, colleagues and managers or any person responsible for your work activity
Frame	shape will vary according to customer requirements, and may include dutch hoods (with end style variations), florentines and cupola
Materials	may include canvas, acrylic, PVC, clear mesh, hoop iron, pop rivets, rope edge, cara groove track
Tools and equipment	includes tape measure, scissors, sewing machine, welding equipment, marking pens, pop rivet guns
Manufacturer instructions	may be written instruction booklets, instructions on the tools and equipment or instructions for correct usage
Laid over	ensuring fabric is square and pulled tight over frame
Joining allowances	12 mm or as specified by the textile manufacturer
Panels	number and shape will vary according to size and shape of canopy frame
Joined	may include sewing or welding
Method	may include screws, hoop iron and pop rivets, rope edge or cara groove track,
Work instructions	is to include instructions for the construction of textiles for canopy style awnings
Braced	for aluminium framed canopy style awnings
Waste	- may include textiles, metal, timber - waste removal should be in accordance with workplace practices and environmental legislation covering disposal of industrial waste
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		