



Australian Government

MSFBA2006 Construct textiles for canopy-style awnings

Release: 1

MSFBA2006 Construct textiles for canopy-style awnings

Modification History

Release 1 - New unit of competency

Application

This unit of competency covers constructing the textile components of canopy-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	Plan 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 correctly
		1.3	Work order is reviewed, confirmed and clarified with appropriate personnel
		1.4	Frame, which will vary according to customer requirements for Dutch hoods (with end style variations), Florentines or cupola 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 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 and measured and marked to fit frame leaving joining allowances
		2.3	Panels and scallops, whose number and shape will vary according to size and shape of canopy frame, are marked and cut
		2.4	Textiles are cut
		2.5	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	Aluminium framed canopy-style awning 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 re-worked
		5.3	Frame is checked for damage and repairs made if 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 in accordance with workplace practices and environmental legislation covering disposal of industrial waste
- 6.5 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 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 and colour
Appropriate personnel include:	• supervisors • suppliers • clients • colleagues • managers or any person responsible for the work activity
Materials include:	• canvas • acrylic • PVC • clear mesh • hoop iron • pop rivets • rope edge • cara groove track
Tools and equipment include:	• tape measure • scissors • sewing machine

	• welding equipment • marking pens • pop rivet guns
Manufacturer instructions include:	• written instruction booklets, instructions on the tools and equipment, or instructions for correct usage
Laid over includes:	• ensuring fabric is square and pulled tight over frame
Joining allowances include:	• 12 mm or as specified by the textile manufacturer
Joined includes:	• sewing or welding
Joining methods include:	• screws • hoop iron and pop rivets • rope edge • cara groove track
Work instructions include:	• instructions for the construction of textiles for canopy-style awnings
Waste includes:	• textiles, metal and timber
Workplace documentation includes:	• time sheets • customer care cards • work orders • reports

Unit Mapping Information

Supersedes and is equivalent to LMFBFA2007A Construct textiles for canopy 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 MSFBA2006 Construct textiles for canopy-style awnings

Modification History

Release 1 - New unit of competency

Performance Evidence

- 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
- Report process for materials faults, damaged products or equipment
- Construct a minimum of three (3) 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
- 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
- Use workplace technology related to constructing canopy-style awnings, including specified tools, equipment, calculators and measuring devices

Knowledge Evidence

- State or territory WHS 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
- 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 relevant location for constructing textiles for canopy-style awnings, and standard operating procedures for constructing textiles for canopy-style awnings.

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