



Australian Government

Department of Education, Employment and Workplace Relations

LMTTF2013A Waterproof canvas products

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

Unit descriptor This unit covers the skills and knowledge required to restore the waterproof characteristics of older canvas products.

Application of the Unit

Application of the Unit

This unit applies to the waterproofing of canvas products. Work may be conducted in a variety of environments, such as:

- operational indoor workplaces
- operational outdoor workplaces
- hazardous or exposed conditions

Work may be conducted in small to large scale enterprises and may involve individual and team activities. Work is performed within defined procedures under direct supervision.

The application of this unit is according to OHS practices of the enterprise and workplace practices, which may include:

- requirements prescribed by legislation, awards, agreements and conditions of employment
- standard operating procedures
- work instructions
- oral, written and visual communication
- quality practices, including responsibility for maintenance of own work quality and contribution to quality improvement of team or section output
- housekeeping
- tasks related to environmental protection, waste disposal, pollution control and recycling

This unit requires the application of skills associated with planning and organising for the safe and effective use of waterproofing processes and technology. This unit also requires the ability to read and interpret job instructions, inspect product, identify and repair weaknesses, complete workplace records and communicate results with supervisors. Self management skills are applied to ensure workplace and quality standards are achieved.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisites

Employability Skills Information

Employability Skills This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Not applicable.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1 Select waterproofing agents, plan work and prepare work area	1.1 Waterproofing agents are selected in accordance with job instructions 1.2 Work is planned to maximise safety and productivity 1.3 Suitable electrical power outlets are identified, if required 1.4 Safe working environment is established 1.5 Workplace procedures and instructions are read and interpreted
2 Select, use and store tools	2.1 Appropriate hand and power tools are selected for the job 2.2 Tools are examined for damage, missing components or other defects (including frayed power cords where applicable) 2.3 Extension power cables are checked for knots and insulation damage 2.4 Electrical tools are connected safely to power supply 2.5 Safety equipment is used during tool operation in accordance with OHS practices 2.6 Required tasks are performed using tools in accordance with OHS practices 2.7 Tools are located in a safe position when not in use 2.8 Tools and extension cords are cleaned and stored in accordance with industry and workplace OHS practices
3 Clean, inspect and report on condition of product to be waterproofed	3.1 Product is laid or hung out for examination 3.2 Product is inspected and areas of weakness or damage are identified 3.3 Results of product inspection are reported to supervisor, and authorisation is obtained for repairs or other treatment to be performed 3.4 Workplace records regarding condition of product and authorisation for repair and treatment are completed
4 Repair product and apply waterproofing agent	4.1 Repairs are performed in accordance with authorisation and workplace procedures 4.2 Work area is isolated from other unprotected workers 4.3 Product is hung if necessary 4.4 Product is cleaned prior to waterproofing 4.5 Waterproofing agent is applied and allowed to air dry 4.6 Spillage or excess waterproofing agent is cleaned up in accordance with workplace procedures and environmental regulations 4.7 Waste products are disposed of in accordance with workplace procedures and environmental regulations 4.8 Knowledge of waterproofing processes are applied to perform

ELEMENT	PERFORMANCE CRITERIA
	required tasks
5 Test waterproofing and rework if necessary	5.1 Product is tested for waterproofing effectiveness 5.2 Supervisor confirms result of waterproofing test and decides if further treatment is necessary 5.3 Waterproofing agent is reapplied if necessary
6 Store or despatch product and clean work area	6.1 Product is removed and folded for storage or dispatch as required 6.2 Waterproofing equipment is cleaned and maintained in accordance with manufacturer's specifications 6.3 Documentation is completed in accordance with workplace requirements 6.4 Work area is cleaned and tools and electrical equipment are returned to storage

Required Skills and Knowledge

This describes the essential skills and knowledge and their level required for this unit.

Demonstrates knowledge of:

- specific OHS requirements associated with the use of volatile or toxic products
- explosion and fire hazards associated with volatile solvents
- waterproofing principles and techniques
- types of canvas in common use
- waterproofing agents commonly used
- relevant quality standards for waterproofing processes
- environmental requirements of relevant industry and workplace procedures
- general housekeeping policies and procedures
- OHS practices, including hazard identification and control measures
- quality practices
- workplace practices
- recording and reporting practices

Demonstrates skills to:

- understand information about canvas products, waterproofing agents and equipment used in waterproofing processes
- use relevant hand and power tools
- use relevant chemicals and cleaning agents and dispose of waste products
- maintain work area
- read, interpret and follow information on work specifications, , standard operating procedures and work instructions and other reference material
- maintain accurate records
- communicate within the workplace
- sequence operations
- meet specifications
- clarify and check task-related information
- carry out work according to OHS practices

Evidence Guide

The Evidence Guide provides advice on assessment and must be read in conjunction with the Performance Criteria, Required Skills and Knowledge, the Range Statement and the Assessment Guidelines for the Training Package.

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

Demonstrates skills and knowledge to:

- comply with all relevant safety requirements including safe use of waterproofing agents, hand and power tools and electrical equipment
- understand work orders and follow work instructions
- understand equipment and materials instructions needed for the waterproofing process
- prepare product to be waterproofed and set up waterproofing equipment
- perform waterproofing process
- perform normal operator maintenance of work area to enable work to be conducted safely and efficiently
- document and communicate work related information including reporting of faults and other problems

Consistently applies skills and knowledge when:

- organising work
- completing tasks
- identifying improvements
- using workplace practices
- using OHS practices
- recording and reporting accidents and incidents
- assessing operational readiness of equipment used and work processes
- recognising and adapting to cultural differences in the workplace, including modes of behaviour and interactions
- completing work systematically with attention to detail without damage to goods and equipment

Context and specific resources for assessment

Assessment may occur on the job or in an appropriately simulated environment and requires access to work areas, materials and equipment, and to information on workplace practices and OHS practices.

Competence should be demonstrated over a limited range of typical industry canvas products and waterproofing agents

Guidance information for

This unit may be assessed independently or in combination with other relevant units.

The Evidence Guide provides advice on assessment and must be read in conjunction with the Performance Criteria, Required Skills and Knowledge, the Range Statement and the Assessment Guidelines for the Training Package.

assessment

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. Add any 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.

Legislative/regulatory requirements All work must comply with relevant Federal and State or Territory legislative or regulatory requirements.

Hand and power tools may include

- brushes
- brooms
- rollers
- spray guns
- knives
- scissors
- sewing implements
- portable ventilation fans
- heat lamps

OHS practices OHS practices must include hazard identification and control, risk assessment and implementation of risk reduction measures specific to the tasks described by this unit, and may include:

- manual handling techniques
- standard operating procedures
- personal protective equipment
- safe materials handling
- taking of rest breaks
- ergonomic arrangement of workplaces
- following marked walkways
- safe storage of equipment
- housekeeping
- reporting accidents and incidents
- other OHS practices relevant to the job and enterprise

Unit Sector(s)

Sector Textile Fabrication