



Australian Government

MSTTF2013 Waterproof canvas products

Release: 1

MSTTF2013 Waterproof canvas products

Modification History

Release 1. Supersedes and is equivalent to LMTTF2013A Waterproof canvas products

Application

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

The unit of competency applies to the waterproofing of canvas products. Work may be conducted in a variety of environments, such as operational indoor or outdoor workplaces and 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.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Competency Field

Textile fabrication

Unit Sector

Not applicable

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1	Determine job requirements	1.1	Follow standard operating procedures (SOPs)
		1.2	Comply with work health and safety (WHS) requirements at all times
		1.3	Use appropriate personal protective equipment (PPE) in accordance with SOPs
		1.4	Identify job requirements from specifications, drawings, job sheets or work instructions

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| 2 | Prepare for waterproofing | 2.1 | Read and interpret workplace procedures and instructions and establish a safe working environment |
| | | 2.2 | Select waterproofing agents in accordance with job instructions |
| | | 2.3 | Plan work to maximise safety and productivity and identify suitable electrical power outlets, if required |
| | | 2.4 | Prepare tools and equipment appropriate for the job |
| | | | |
| 3 | Identify condition of product to be waterproofed | 3.1 | Lay out or hang out product and examine its condition |
| | | 3.2 | Inspect product and identify areas of weakness or damage |
| | | 3.3 | Report results of inspection to supervisor, and obtain authorisation for repairs or other treatment |
| | | 3.4 | Complete workplace records regarding condition of product and authorisation for repair and treatment |
| | | | |
| 4 | Repair product and apply waterproofing agent | 4.1 | Perform repairs in accordance with authorisation and workplace procedures |
| | | 4.2 | Isolate work area from other unprotected workers |
| | | 4.3 | Hang product, if necessary, and clean it prior to waterproofing |
| | | 4.4 | Apply waterproofing agent and allow to air dry |
| | | 4.5 | Clean up spillage or excess waterproofing agent, and dispose of waste products in accordance with workplace procedures and environmental regulations |
| | | | |
| 5 | Check quality of waterproofing and finalise work | 5.1 | Test product to determine if waterproofing was effective |
| | | 5.2 | Obtain supervisor's endorsement or approval for further treatment, if necessary, and reapply waterproofing agent |
| | | 5.3 | Remove and fold product for storage or despatch, as |

required

- 5.4 Complete documentation and clean and maintain waterproofing equipment in accordance with workplace requirements
- 5.5 Clean work area, clean and return tools and equipment to safe storage, and perform normal basic maintenance, in accordance with workplace procedures and manufacturer specifications

Foundation Skills

This section describes those required skills (language, literacy and numeracy) that are essential to performance.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

This field allows for 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.

Workplace procedures include one or more of the following:

- requirements prescribed by legislation, awards, agreements and conditions of employment
- SOPs
- 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
- WHS practices

Australian Standards include:

- the relevant industry or Australian Standards that are current at the time this unit is being undertaken

Hand and power tools include one or more of

- brushes
- brooms

the following:

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

WHS practices

WHS practices include hazard identification and control, risk assessment and implementation of risk reduction measures specific to the tasks described by this unit, and include one or more of the following:

- manual handling techniques
- SOPs
- PPE
- safe materials handling
- taking of rest breaks
- ergonomic arrangement of workplaces
- following marked walkways
- safe storage of equipment
- housekeeping
- reporting accidents and incidents
- environmental practices

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTTF2013A Waterproof canvas products

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>

Assessment Requirements for MSTTF2013 Waterproof canvas products

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria, and include:

- reading and following work instructions, standard operating procedures (SOPs), safe work practices and other reference material
- applying relevant standards
- complying with all relevant safety requirements, including safe use of waterproofing agents, hand and power tools, and electrical equipment
- interpreting work orders and following work instructions
- interpreting equipment and materials instructions for the waterproofing process
- preparing product to be waterproofed and setting up waterproofing equipment
- performing waterproofing process according to workplace procedures to meet quality standards on at least two (2) occasions
- testing product to determine if waterproofing was effective, and obtaining approval for further treatment, if necessary
- performing normal operator maintenance of work area to enable work to be conducted safely and efficiently
- documenting and communicating work-related information, including reporting of faults and other problems
- applying workplace procedures.

Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- relevant Australian Standards
- specific work health and safety (WHS) 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

- WHS practices, including hazard identification and control measures
- quality practices
- workplace procedures
- recording and reporting practices.

Assessment Conditions

- Assessors must:
 - satisfy the assessor competency requirements that are in place at the time of the assessment, as set by the VET regulator
 - have vocational competency in waterproofing canvas products, at least to the level being assessed, with relevant industry knowledge and experience.
- Assessment should occur in operational workplace situations. Where this is not possible, or where personal safety or environmental damage are limiting factors, assessment must occur in a sufficiently rigorous simulated environment reflecting realistic operational workplace conditions. This must cover all aspects of workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.
- Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.
- Conditions for assessment must include access to all tools, equipment, materials and documentation required, including relevant workplace procedures, product and manufacturing specifications associated with this unit.

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