



Australian Government

MSTTF2012 Stitch by hand

Release: 1

MSTTF2012 Stitch by hand

Modification History

Release 1. Supersedes and is equivalent to LMTTF2012A Stitch by hand

Application

This unit of competency covers the skills and knowledge required to stitch canvas and sail products by hand.

The unit of competency applies to standard stitching of damaged seams, gussets, reinforcements, general repairs or modifications, and new work. Work may be conducted in a variety of environments, such as operational indoor or outdoor workplaces or on site.

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 to stitch by hand | 2.1 | Read and interpret workplace procedures and instructions and organise work to maximise safety and productivity |
| | | 2.2 | Clear and clean work area and establish safe working environment |
| | | 2.3 | Seek assistance to move and position work piece, if necessary |
| | | 2.4 | Seek advice on appropriate thread to be used with regard to thread material, diameter of thread, tensile strength and colour |
| | | 2.5 | Seek advice regarding appropriate needle to suit type of thread, type of stitch and material to be sewn |
| | | 2.6 | Check condition of needle to ensure it is sharp, clean and free from rust and dirt |
| | | | |
| 3 | Perform hand stitching | 3.1 | Lay out material on working table or other suitable surface or support in situ in preparation for stitching process |
| | | 3.2 | Choose appropriate type of stitch to suit the particular application |
| | | 3.3 | Start stitching properly and perform hand stitching according to specifications |
| | | 3.4 | Tie off last stitch, cut thread and inspect finished work to ensure it conforms to specification |
| | | | |
| 4 | Check quality and finalise work | 4.1 | Inspect completed work to verify that it meets job specifications and relevant workplace and industry quality standards |
| | | 4.2 | Identify and mark any areas in need of re-work or rectification, perform re-work or arrange appropriate action |
| | | 4.3 | Label or tag completed product and complete any necessary documentation in accordance with workplace |

procedures

- 4.4 Store needles and threads in a dry and safe place and dispose of worn or damaged needles in accordance with manufacturer recommendations and workplace procedures
- 4.5 Clean work area and place tools back in storage

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

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 LMTTF2012A Stitch by hand

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 MSTTF2012 Stitch by hand

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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
- applying relevant standards
- complying with all relevant safety requirements, including safe use of needles and associated tools
- interpreting work orders
- interpreting standard specifications of needles, threads and materials used in the hand stitching process
- preparing and setting up material for hand stitching
- performing standard hand stitching processes on at least two (2) occasions
- inspecting completed work, checking quality and determining any rectification necessary
- performing normal operator maintenance of work area to enable work to be conducted safely and efficiently
- labelling or tagging work, and documenting and communicating work-related information, including reporting of faults and other problems, according to 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
- hazards associated with hand stitching process
- standard hand stitching principles and techniques, including various types of stitches used
- the normal range of needles, threads and associated tools used in hand stitching and their appropriateness for particular applications
- materials specifications and material sewing characteristics
- quality standards applicable to hand stitching
- work health and safety (WHS) and environmental requirements of relevant industry and workplace procedures
- general housekeeping policies and procedures
- 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 stitching by hand, 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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