



Australian Government

Assessment Requirements for MEALSU0010 Operate and maintain sewing machines and overlockers

Release: 1

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Modification History

Release 1. Application changed. Elements and Performance Criteria changed. Foundation Skills made explicit. Range of Conditions removed, and relevant information moved to Assessment Requirements. Assessment Requirements clarified. Supersedes and is equivalent to MEA511 Operate and maintain sewing machines and overlockers.

Performance Evidence

There must be evidence the candidate has completed all the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to:

- operate and maintain at least one sewing machine and at least one overlocker on at least four occasions on a typical range of sewing and overlocking requirements performed at the enterprise
- during machine cleaning and maintenance:
 - use relevant hand and power tools
 - use relevant chemicals and cleaning agents and dispose of waste products
- apply manufacturing, repair and alteration procedures and safety precautions at all times and as relevant to the operations and maintenance being performed above.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- relevant enterprise procedures and maintenance publications, including:
 - equipment manufacturers' specifications and procedures
 - industry practices
 - safety manuals
 - maintenance schedules
 - work instructions
 - maintenance organisation manuals
 - standing instructions
- Commonwealth, state and territory work health and safety (WHS) legislation, regulations, codes and procedures for sewing and overlocking aircraft-related soft furnishings
- Australian Standards for sewing and overlocking operations and maintenance
- relevant Defence Aviation Safety Authority (DASA) and Civil Aviation Safety Authority (CASA) regulations and instructions
- how to locate and interpret sources of technical instructions, including:
 - aircraft operational requirements
 - job orders

- manufacturers' specifications
- maintenance manuals
- modification instructions
- technical drawings
- advanced work piece construction principles and methods
- characteristics of a wide range of materials used in aircraft life support and furnishing
- operating principles of a wide range of sewing and overlocking machines
- types of needles and threads and their applications
- types of stitching and their applications
- standard industry practice for needle storage and safe disposal
- the range of sewing and overlocking machines, hand tools and power tools used in sewing and overlocking processes and their appropriateness for particular applications
- relevant quality standards for sewn and overlocked products
- power sources, such as single-phase, three-phase and weather-protected outlets
- electrical isolation procedures for sewing and overlocking machines
- safety and environmental requirements of relevant industry and enterprise procedures
- general housekeeping policies and procedures
- recording and reporting procedures.

Assessment Conditions

The following conditions of assessment represent the requirements of the regulators (DASA and CASA) and maintenance stakeholders and must be rigorously observed.

Skills must have been demonstrated under routine supervision in the workplace or in a simulated environment that reflects workplace conditions and contingencies encountered in operating and maintaining sewing machines and overlockers for aircraft life support equipment and aircraft soft furnishings. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - information on specifications of materials used in sewing and overlocking, settings for machines, relevant safety procedures and regulations, quality standards, and enterprise procedures
 - all necessary facilities, sewing and overlocking machines and associated hand and power tools

Evidence of tasks demonstrating competency must be recorded in a log of industrial experience and achievement.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ce216c9c-04d5-4b3b-9bcf-4e81d0950371>