



Australian Government

MSFSF2003 Machine sew specialised sewn products

Release: 1

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Modification History

Release 1 - New unit of competency

Application

This unit of competency covers using specific sewing machine techniques, with attachments, as required, to produce specialised sewn products.

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

Pre-requisite Unit

Competency Field

Unit Sector

Soft Furnishing

Elements and Performance Criteria

Elements describe the essential outcomes.

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

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| 1 | Identify sewing machine equipment controls and procedures | 1.1 | Job requirements are identified from work instructions |
| | | 1.2 | Work health and safety (WHS) requirements, including ergonomic criteria and personal protection needs, are observed throughout the work |
| | | 1.3 | Equipment operations, components and controls are identified |
| | | 1.4 | Operating procedures are checked to identify approved procedures and adjustments |
| | | 1.5 | Inspection procedure for materials quality and equipment condition is identified |
| | | 1.6 | The process for obtaining materials and moving products to the next process is identified |
| 2 | Prepare for work | 2.1 | Work order or sample is checked to identify exact sewing |

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| | | specification | | | | | | | | |
| | 2.2 | Materials are inspected before use and problems, including any materials or part constructed products which do not meet the job order requirements, are identified and reported | | | | | | | | |
| | 2.3 | Work pieces are laid out in sequence in accordance with specifications and workplace procedures | | | | | | | | |
| | 2.4 | Any required supplementary equipment is identified for routine lubrication and adjustments | | | | | | | | |
| 3 | Adjust and control sewing machine operations | <table><tr><td>3.1</td><td>Sewing machine (including attachments as required) set-up requirements and adjustments are identified and followed</td></tr><tr><td>3.2</td><td>Machine sewing maintains required product quality and outputs</td></tr><tr><td>3.3</td><td>Material which is able to be re-used is collected and stored, and waste and scrap is removed in accordance with workplace procedures</td></tr><tr><td>3.4</td><td>Equipment and work area clean-up are completed following workplace procedures</td></tr></table> | 3.1 | Sewing machine (including attachments as required) set-up requirements and adjustments are identified and followed | 3.2 | Machine sewing maintains required product quality and outputs | 3.3 | Material which is able to be re-used is collected and stored, and waste and scrap is removed in accordance with workplace procedures | 3.4 | Equipment and work area clean-up are completed following workplace procedures |
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| 3.4 | Equipment and work area clean-up are completed following workplace procedures | | | | | | | | | |
| 4 | Maintain quality requirements | <table><tr><td>4.1</td><td>Sewing machine operations and fabrics are monitored and anything which may affect quality is reported</td></tr><tr><td>4.2</td><td>Finished products are checked for required quality and repaired, where applicable, before moving to the next process</td></tr><tr><td>4.3</td><td>Authorised changes in operating procedures and work requirements are implemented</td></tr></table> | 4.1 | Sewing machine operations and fabrics are monitored and anything which may affect quality is reported | 4.2 | Finished products are checked for required quality and repaired, where applicable, before moving to the next process | 4.3 | Authorised changes in operating procedures and work requirements are implemented | | |
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| 4.3 | Authorised changes in operating procedures and work requirements are implemented | | | | | | | | | |
| 5 | Despatch completed work | <table><tr><td>5.1</td><td>Production records and/or packing slips are completed in accordance with workplace procedures</td></tr><tr><td>5.2</td><td>Completed work is directed to the next operation in accordance with workplace procedures</td></tr></table> | 5.1 | Production records and/or packing slips are completed in accordance with workplace procedures | 5.2 | Completed work is directed to the next operation in accordance with workplace procedures | | | | |
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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.

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| Unit context includes: | <ul style="list-style-type: none">• WHS requirements, including legislation, building codes, material safety management systems, hazardous and dangerous goods codes, and local safe operating procedures or equivalent• work is carried out in accordance with legislative obligations, environmental legislation, relevant health regulations, manual handling procedures and organisation insurance requirements• work requires individuals to demonstrate some discretion, judgement and problem solving |
| Sewing specifications include: | <ul style="list-style-type: none">• required materials• threads• additional work features• shape and special requirements for the gathered item• any required workplace documentation to be completed |
| Specific and specialised techniques and products include: | <ul style="list-style-type: none">• sewing decorative finishes:<ul style="list-style-type: none">• patchwork and flatbed quilting• applique and freehand embroidery• top stitching• invisible zips• mitre corners• capping• sewing labels• sewing with specialised attachments:<ul style="list-style-type: none">• rolled hems• ribboning• gathering• embroidery hoops |

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| | <ul style="list-style-type: none"> • bias binding • sewing fasteners and attachments: <ul style="list-style-type: none"> • zips • hooks • rings • velcro • press studs • buttons • buttonholes • tapes and attachments appropriate for the furnishing industry • operating an outline sewing machine • flange • overlocker • flat bed • blind hemming • gathering • tape edging |
| Machines include: | |
| Sewing machine set-up and adjustment includes: | <ul style="list-style-type: none"> • threading machine and winding bobbin • setting required tensions • selecting required machine settings • lubricating and adjusting the machine, where required • testing operations for work order requirements |
| Materials to be machined include: | <ul style="list-style-type: none"> • fabrics • leathers |
| Personal protective equipment includes: | <ul style="list-style-type: none"> • that prescribed under legislation, regulations and enterprise policies and practices |
| Information and procedures include: | <ul style="list-style-type: none"> • workplace procedures relating to the use of tools and equipment • work instructions, including job sheets, cutting lists, plans, drawings and designs • workplace procedures relating to reporting and communication • manufacturer specifications and operational procedures |

Unit Mapping Information

Supersedes and is equivalent to LMFSF2003B Machine sew using specific techniques.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>