



Australian Government

MSTAT3007 Sew stretch knit garments

Release: 1

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Modification History

Release 1. Unit code, Title and Application changed. Woven garments removed as this content is covered in MSTAT3005. Prerequisite units removed. Elements and Performance Criteria simplified with Element 1 and 2 combined. Foundation Skills field populated. Range of Conditions removed with relevant information moved to Knowledge Evidence. Assessment Requirements clarified with generic foundation skills statements moved to appropriate section and duplication with Performance Criteria removed. Supersedes and is not equivalent to MSTCL3010 Sew woven and stretch knit garments.

Application

This unit describes the skills and knowledge required to plan, align and sew complete stretch knit garments from specifications. It includes the ability to use the specific techniques and machinery required when working with stretch knit fabrics. Stretch knit fabrics are those knitted on a circular knitting machine, also referred to as ‘jersey knits’ or ‘cut and sew’ fabrics.

This unit applies to individuals working in accordance with established procedures using discretion, judgement and problem solving to complete work. It often applies to the sample machining role.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Competency Field

Apparel and Textile Production

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare to sew stretch knit garments	1.1 Identify machining and productivity requirements from production specifications 1.2 Develop plan for garment construction that reflects the most efficient sequencing of work operations 1.3 Confirm suitability of work pieces and lay out in sequence according to construction plan 1.4 Set up machinery to suit fabric type and other job requirements

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
2. Sew stretch knit garments	2.1 Sew pieces according to construction plan and achieve outcomes within required timeframes 2.2 Control and adjust machine speed and work handling according to type of operation, stretch knit fabric requirements and product type 2.3 Inspect quality of both individual pieces and progressively assembled garment against quality standards and take appropriate action to rectify any deficiencies 2.4 Monitor performance of machine for signs of faulty operation, and use evidence from inspection of finished pieces
3. Complete work	3.1 Inspect and confirm that completed garment meets quality standards 3.2 Record results of inspection and action taken to either reject or correct faulty work 3.3 Record preventative action taken to avoid any recurrence of defective items 3.4 Process work for next operation according to job requirements 3.5 Complete required production records in accordance with workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

- Reading skills to interpret familiar workplace procedures and work documentation
- Writing skills to communicate simple factual information in familiar workplace documents
- Numeracy skills to interpret numerical information in work specifications and adjust sewing machine settings.

Other foundation skills essential to performance are explicit in the performance criteria of this unit.

Unit Mapping Information

No equivalent unit.

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 MSTAT3007 Sew stretch knit garments

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Performance Evidence

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

- sew at least two stretch knit garments to specifications, workplace quality standards and time constraints, with work across the two garments to involve use of two different fabric types.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- key aspects of sewing stretch knit garments:
 - sequence of operations and factors that affect speed and productivity
 - fabric characteristics and their impact on the sewing process
 - fabric preparation and fault identification requirements
 - sewing techniques required and the impact of incorrect sewing techniques in garment construction
 - thread compositions (or characteristics)and other materials and trims used and their impact
 - types, characteristics and uses of different machines and associated safety considerations
 - quality indicators and acceptable tolerances
 - common production problems and how these are addressed
 - types of information included in production documentation.
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Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - production specifications
 - stretch knit components for sewing
 - sewing machine and threads
 - workplace procedures.

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

Links

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