

Operate a range of industrial single needle sewing machines in a commercial clothing manufacturing environment

Level 3

Credits 9

Purpose People credited with this unit standard are able to: compare specialist sewing machines; set and adjust single needle machines; and operate industrial single needle machines.

Subfield Clothing Manufacture

Domain Apparel Cutting and Sewing

Status Registered

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Entry information Open.

Accreditation Evaluation of documentation and visit by NZQA and industry.

Standard setting body (SSB) Competenz

Accreditation and Moderation Action Plan (AMAP) reference 0030

This AMAP can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Special notes

1 Definitions

Workplace performance criteria refer to the expected standard and speed of performance as set by the quality control management in the candidates's workplace. These criteria are determined by the construction of the garment, the fabric being used and the quality standards that apply in the candidate's workplace. These expectations must be explained and made available to the candidate prior to assessment.

Workplace procedures refer to the verbal or documented procedures for performing work activities and include health and safety, operational, environmental, and quality management requirements. They may refer to manuals, manufacturer's specifications, codes of practice, or policy statements.

Product, style or garment specifications are all terms for the same document. The terminology varies between workplaces but they all refer to the documentation that accompanies each manufacturing order. This documentation sets out the material to be used for the garment, the size range for manufacturing, the product assembly sequence, product finishing procedures and the component specifications.

- 2 Performance of the elements must comply with the Health and Safety in Employment Act 1992.

Elements and performance criteria

Element 1

Compare specialist sewing machines.

Range zigzag, chainstitch, three step, blind hem.

Performance criteria

- 1.1 Machines are identified and compared in terms of their ability to produce stitches suitable for company products.

Element 2

Set and adjust single needle machines.

Range company products – any three of – zigzag, chainstitch, three step, blind hem.

Performance criteria

- 2.1 Machines are threaded up to manufacturer's specifications.
- 2.2 Single needle machines are set and adjusted to meet product specifications.
- 2.3 Sewing faults are identified and corrected according to workplace procedures and manufacturer's recommendations.

Element 3

Operate industrial single needle machines.

Range company products – any three of – zigzag, chainstitch, three step, blind hem.

Performance criteria

- 3.1 Work is completed to specified workplace performance criteria.
- 3.2 Finished product quality meets product specifications.
- 3.3 Faulty work is identified and actioned according to workplace procedures.

3.4 Ply sequence is maintained.

3.5 Documentation is completed in accordance with workplace procedures.

Please note

Providers must be accredited by NZQA, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by NZQA before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact Competenz info@competenz.org.nz if you wish to suggest changes to the content of this unit standard.