

Sew dissimilar fabrics together using an industrial lockstitch sewing machine

Level 3

Credits 6

Purpose People credited with this unit standard are able to set up and adjust an industrial lockstitch sewing machine, and sew dissimilar fabrics together.

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 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.

The term *lockstitch* is sometimes known as plainsew or single needle and refers to the traditional or standard type of stitch produced by a domestic or industrial sewing machine.

- 2 Range
Thick or rigid – denim, leather, 9 gauge knitted.
Thin or stretch – lycra, nylon, lace, gauze single jersey.
Slippery – lycra, nylon.
Open – net, lace.
- 3 Performance of the elements must comply with the Health and Safety in Employment Act 1992.

Elements and performance criteria

Element 1

Set up and adjust an industrial lockstitch sewing machine.

Performance criteria

- 1.1 Needles and threads are compatible with the characteristics and end use of the materials to be sewn.
- 1.2 Machine is adjusted to accommodate fabric requirements and product specifications.
- Range tension, foot pressure, feed dogs, stitch density.
- 1.3 Machine is tested, faults are identified, and corrective action is taken.

Element 2

Sew dissimilar fabrics together.

Performance criteria

- 2.1 Work is completed in accordance with workplace procedures.
- 2.2 Faulty work is identified in accordance with workplace procedures.
- 2.3 Ply sequence is maintained.
- 2.4 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 the Competenz info@competenz.org.nz if you wish to suggest changes to the content of this unit standard.