

Use industrial lockstitch sewing machines in a commercial clothing manufacturing environment

Level 3

Credits 12

Purpose People credited with this unit standard are able to use an industrial lockstitch sewing machine to sew volume production work to specified clothing industry performance criteria, and record work and performance data to calculate efficiency rate.

Subfield Clothing Manufacture

Domain Apparel Cutting and Sewing

Status Registered

Status date 19 June 2009

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Entry information Recommended: Unit 20345, *Use an industrial lockstitch sewing machine to seam and topstitch in a commercial clothing manufacturing workplace*, or demonstrate equivalent knowledge and skills.

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 candidate'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.

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

Elements and performance criteria

Element 1

Sew volume production work using an industrial lockstitch sewing machine in a commercial clothing environment to specified workplace performance criteria.

Performance criteria

- 1.1 Handling method meets workplace performance criteria.
- 1.2 Material and sewing faults are recognised, and corrective action is taken in accordance with workplace procedures.
- 1.3 The sewing sequence of cut parts is maintained.

Element 2

Record work and performance data to calculate efficiency rate in a commercial clothing environment.

Performance criteria

- 2.1 Output or completed work is counted, and operation or job number is recorded to meet workplace procedures.
- 2.2 Work is bundled or bagged and placed aside according to workplace procedures.
- 2.3 Any production time at variance with specified time is recorded in accordance with workplace procedures.
- 2.4 Standard time is recorded in accordance with workplace procedures.
- 2.5 Operator performance is calculated from given data 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.