

Thread and operate an industrial overlock sewing machine in a learning environment

Level 2

Credits 5

Purpose People credited with this unit standard are able to: set up, control, lubricate and clean, thread and adjust, operate, overlock straight and curved seams with an industrial overlock sewing machine in a learning environment.

Subfield Clothing Manufacture

Domain Apparel Cutting and Sewing

Status Registered

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Entry information Open.

Replacement information This unit standard replaced unit standard 5299 and unit standard 5300.

Accreditation Evaluation of documentation 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 This unit standard is intended for people who are learning industrial sewing in a school or early tertiary learning environment, and provides the basis for further development of skills in Unit 20346, *Set up and operate an industrial overlock sewing machine in a commercial manufacturing workplace* and Unit 20347, *Use an industrial overlock sewing machine to join materials in a commercial manufacturing workplace*.
- 2 Performance of the elements must comply with the Health and Safety in Employment Act 1992.

3 Definitions

Training instructions refer to the guidelines and procedures, either written or oral, specified by the candidate's tutor/trainer in relation to the product or garment being sewn. These instructions must be made known to the candidate prior to assessment against this unit standard.

Workroom safety requirements refer to the safety procedures that apply in the candidate's school or early tertiary learning environment.

Elements and performance criteria

Element 1

Set up an industrial overlock sewing machine.

Performance criteria

- 1.1 Worn and damaged needles are replaced according to manufacturer's specifications.
- 1.2 The industrial overlock is threaded up to manufacturer's specifications, and tensions are set according to the material to be sewn.

Range any of the following – 3 or 4 thread machines.

Element 2

Control an industrial overlock sewing machine.

Performance criteria

- 2.1 Hand and foot controls are used to lift foot and sew according to training instructions.

Range machine control for a minimum of 30 cm.

- 2.2 Functional stitching parts and tension relationships are described for an industrial overlock sewing machine.

Element 3

Lubricate and clean an industrial overlock sewing machine.

Performance criteria

- 3.1 Parts are lubricated according to manufacturer's specifications using the recommended lubricants.
- 3.2 All lint is removed from working parts, using supplied tools and equipment, to manufacturer's specifications.
- 3.3 All maintenance procedures comply with workroom safety requirements.

Element 4

Thread and adjust an industrial overlock sewing machine.

Performance criteria

- 4.1 Stitch formation is drawn or explained for industrial overlock sewing machines.
- 4.2 Front and back looper threads are compatible, and their relationship is explained in terms of product or garment quality requirements.
- 4.3 Machine is threaded, tested, and adjusted where necessary to meet training instructions.

Element 5

Operate an industrial overlock sewing machine.

Performance criteria

- 5.1 Sewing practice meets workroom safety requirements.
- 5.2 Sewing is removed from machine according to training instructions.
- 5.3 Thread chain is cut according to training instructions.
- 5.4 Sewn line is straight.
Range minimum 30 cm.

Element 6

Overlock straight and curved seams with an industrial overlock sewing machine.

Performance criteria

- 6.1 Seams are straight or curved.
Range minimum 30 cm.
- 6.2 Trimming of seams matches training instructions.

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.