

## Operate industrial overlock and specialist sewing machines in a commercial clothing manufacturing environment

**Level** 3

**Credits** 12

**Purpose** People credited with this unit standard are able to: identify machine controls and functions; set and adjust machines to produce given stitch types; and operate industrial overlock and specialist sewing machines.

**Subfield** Clothing Manufacture

**Domain** Apparel Cutting and Sewing

**Status** Registered

**Status date** 19 June 2009

**Date version published** 19 June 2009

**Planned review date** 31 December 2015

**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 Safety stitch, overlock, and mock safety stitch are classed as the same machine. Cover stitch is sometimes known locally as flatlock and can be two, three, or five threads.
- 2 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.

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

---

## Elements and performance criteria

### Element 1

Identify machine controls and functions.

#### Performance criteria

- 1.1 Elements of overlock and specialist sewing machines are described in terms of their functions and operation.

Range machines – any three of – overlock, safety stitch, mock safety stitch, cover stitch, flatlock.

### Element 2

Set and adjust machines to produce given stitch types.

#### Performance criteria

- 2.1 Machines are threaded to manufacturer's specifications.

- 2.2 Special purpose industrial machines are set and adjusted to meet product specifications.

Range machines – any three of – overlock, safety stitch, mock safety stitch, cover stitch, flatlock.

- 2.3 Sewing faults are identified and corrected according to workplace procedures and manufacturer's specifications.

### **Element 3**

Operate industrial overlock and specialist sewing machines.

Range machines – any three of – overlock, safety stitch, mock safety stitch, cover stitch, flatlock.

#### **Performance criteria**

- 3.1 Work is completed to workplace performance criteria and in accordance with workplace procedures.
- 3.2 Finished product quality meets product specifications.
- 3.3 Faulty work is identified and corrected 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.