

## Set up and cut fabrics using a computerised fabric cutting machine

**Level** 3

**Credits** 6

**Purpose** People credited with this unit standard are able to set up and operate a computerised cutting machine to cut fabrics, and identify cutting faults and check cut quality.

**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>.

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### Special notes

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

## Elements and performance criteria

### Element 1

Set up a computerised cutting machine.

#### Performance criteria

- 1.1 Lay is transferred to cutting table in accordance with workplace procedures.
- 1.2 Cutting lay is secured in accordance with workplace procedures.
- 1.3 Programmed tapes or discs are loaded and checked to customer cutting orders.
- 1.4 Knife is aligned to marker specifications.
- 1.5 Laid material is checked against marker for shrinkage and action taken in accordance with workplace procedures.
- 1.6 Machine is set to manufacturer's specifications and material requirements.  
  
Range cut speed, knife intelligence, sharpening frequency, vacuum, marker scaling.

### Element 2

Operate a computerised cutting machine to cut fabrics.

#### Performance criteria

- 2.1 All components meet marker requirements.
- 2.2 Cut areas are sealed in accordance with workplace procedures.
- 2.3 Tapes or discs are removed and stored in accordance with workplace procedures.
- 2.4 Documentation is completed in accordance with workplace procedures.
- 2.5 Cutting pad is maintained in accordance with workplace procedures.

### Element 3

Identify cutting faults and check cut quality.

#### Performance criteria

- 3.1 Faults are identified during the cutting process in accordance with workplace procedures.
- 3.2 Action is taken to correct identified faults.

3.3 Cut quality is checked in accordance with workplace procedures.

Range against pattern, top of lay, bottom of lay.

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**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.

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**Comments on this unit standard**

Please contact the Competenz [info@competenz.org.nz](mailto:info@competenz.org.nz) if you wish to suggest changes to the content of this unit standard.