

## Process fabric on a singeing machine

**Level** 2

**Credits** 3

**Purpose** This unit standard is for people working in the fabric finishing industry. People credited with this unit standard are able to demonstrate knowledge of fabric singeing and a singeing machine; prepare and operate a singeing machine; and carry out cleaning and minor maintenance on a singeing machine.

**Subfield** Textiles Manufacture

**Domain** Fabric Finishing

**Status** Registered

**Status date** 20 November 2009

**Date version published** 20 November 2009

**Planned review date** 31 December 2014

**Entry information** Open.

**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>.

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### Special notes

- 1 Performance of the elements must comply with the Health and Safety in Employment Act 1992 and workplace procedures.
- 2 Workplace productivity and quality requirements must be met by the candidate during assessment against this unit standard.
- 3 **Definition**  
*Workplace procedures* refer to the verbal or documented procedures for performing activities including health and safety, operational, environmental and quality management requirements. They refer to manuals, manufacturer's specification, codes of practice, or policy statements.

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## Elements and performance criteria

### Element 1

Demonstrate knowledge of fabric singeing and a singeing machine.

#### Performance criteria

- 1.1 Singeing is described in terms of the process and the reasons for singeing.  
Range reasons – remove protruding fibres, smoothness.
- 1.2 Fabric types that are processed on a singeing machine are identified and the effect of singeing on these fabrics described.  
Range fabrics processed in the workplace.
- 1.3 Singeing machine sections are identified and described in terms of function and operation.  
Range machine controls, gas supply and control, fabric feed system, burner, exhaust.
- 1.4 Safety procedures for the use of energy in a singeing machine are described according to workplace procedures.

### Element 2

Prepare and operate a singeing machine.

#### Performance criteria

- 2.1 Machine is threaded according to workplace procedures.  
Range fabric attached to leader cloth, fabric flat without creases.
- 2.2 Machine settings give specified surface finish.  
Range fabric speed, burner height.
- 2.3 Records are maintained according to workplace procedures.

### Element 3

Carry out cleaning and minor maintenance on a singeing machine.

#### Performance criteria

- 3.1 Cleaning and maintenance are carried out according to workplace procedures.

- 3.2 Fibre, dust and other contaminants are cleared from the machine according to workplace procedures.
- 3.3 Minor maintenance is carried out according to workplace procedures.

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