

Process fabric on a cropping or shearing 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 cropping; prepare a machine for cropping and process fabric; and carry out cleaning and minor maintenance on a cropping machine.

Subfield Textiles Manufacture

Domain Fabric Finishing

Status Registered

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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>.

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 Definitions
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.
Product specification refers to the document which accompanies each manufacturing order. This specifies all of the parameters for production of the fabric. This may include the fibre specification, the shade, dye bath parameters, machinery to be used and finishing procedures.

Cropping or shearing – cropping and shearing are two industry terms for the same process.

Elements and performance criteria

Element 1

Demonstrate knowledge of cropping.

Performance criteria

- 1.1 Cropping is described in terms of the process and the reasons for carrying it out.
- Range reasons – removal of fibres from surface, levelling of surface fibres, create pile from loops.
- 1.2 Cropping machine sections are identified and described in terms of their function and operation.
- Range machine controls, fabric feed system, bed type, cutter rollers, brush, vacuum extraction, selvedge control.
- 1.3 Safety procedures for the use of a cropping machine are described according to workplace procedures.

Element 2

Prepare machine for cropping and process fabric.

Performance criteria

- 2.1 Machine operated according to workplace procedures.
- 2.2 Fabric is presented to the machine and threaded according to workplace procedures.
- 2.3 Machine settings produce fabric cropped to product specification.
- Range feed rate, roller speeds, height of cut, fabric tension.
- 2.4 Fabric is cropped without damage and cuts.
- Range edges feed flat without folds, fabric feeds without creases.
- 2.5 Records are maintained according to workplace procedures.

Element 3

Carry out cleaning and minor maintenance on a cropping machine.

Performance criteria

- 3.1 Fibre is removed from cropping machine to prevent contamination of following fabrics.
- 3.2 Cropping work area is cleaned according to workplace procedures.
- 3.3 Blade sharpness is checked according to workplace procedures.
- 3.4 Minor maintenance is carried out according to 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.