

Apply chemicals to fabric by padding

Level 3

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 padding; prepare pad and apply a treatment to fabric; and carry out cleaning and minor maintenance on a padding 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 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 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.

Elements and performance criteria

Element 1

Demonstrate knowledge of padding.

Performance criteria

- 1.1 Treatments that are applied by pad are described in terms of the reasons for the treatment and the conditions under which the treatment is applied.
- Range treatments applied in the workplace.
- 1.2 Pad sections are identified and described in terms of their function and operation.
- Range machine controls, fabric control, fabric tension, pad rollers, chemical baths and/or applicators.
- 1.3 Chemicals used in pad applications are listed and their function explained.
- Range chemicals used in workplace.
- 1.4 Safe handling procedures for the storage and use of chemicals are demonstrated according to workplace procedures.
- 1.5 Safety procedures for the use of a pad are described according to workplace procedures.

Element 2

Prepare pad and apply a treatment to fabric.

Performance criteria

- 2.1 Pad is operated according to workplace procedures.
- 2.2 Chemicals are prepared according to application method and workplace procedures.
- 2.3 Pad is prepared and operated according to workplace procedures.
- Range fabric central to machine, expression even across width, machine is level, pressure, pick up.

- 2.4 Process conditions produce fabric to product specification.
- Range temperature, liquor level, air pressure, wet-out, fabric feedrate, pick up.
- 2.5 Records are maintained according to workplace procedures.

Element 3

Carry out cleaning and minor maintenance on a padding machine.

Performance criteria

- 3.1 Cleaning and maintenance are carried out according to workplace procedures.
- 3.2 Pad area is washed according to workplace procedures.
- 3.3 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.