

Establish quality control technical specifications relating to knitting production

Level 5

Credits 8

Purpose This unit standard is for personnel associated with the control of quality in any of the sectors of the knitting industry.

People credited with this unit standard are able to develop test procedures and tests for quality control technical specifications relating to the testing of knitted production, and validate test procedures and results.

Subfield Industrial Machine Knitting

Domain Knitting Industry Quality Assurance

Status Registered

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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 This unit standard relates to the setting of standards and their specifications for the testing of new fabrics in production.
- 2 Technical aspects that are required to be covered in demonstrating competence in this unit standard include:
 - a the format of existing technical specifications;
 - b relevant testing procedures;
 - c comparable fabrics and comparative likely results for determining test parameters;
 - d company standards of quality tolerances on test results;
 - e workplace procedures for validation of quality control test procedures.

3 Definitions

Technical specifications refer to material such as set-out diagrams or product specifications from either manufacturers or the workplace. Material may be in hard copy or supplied in electronic form.

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, manufacturers' specifications, codes of practice, or policy statements.

Elements and performance criteria

Element 1

Develop test procedures and tests for quality control technical specifications relating to the testing of knitted production.

Range procedures and tests for new fabrics in production.

Performance criteria

- 1.1 Parameters necessary to prove the performance of knitted production are determined and justified in relation to the end use performance of product and in accordance with workplace procedures.
- 1.2 Test procedures to prove the performance of knitted production are developed and justified in accordance with workplace procedures.
- 1.3 Parameters of test results and tolerance limits necessary to prove the performance of knitted production are determined and justified in accordance with workplace procedures.

Element 2

Validate test procedures and results.

Range new fabrics in production.

Performance criteria

- 2.1 Fabric samples are tested according to the specified procedures and tests, and results are documented, in accordance with workplace procedures.
- 2.2 Test procedures are amended as necessary, and consultation with technical and managerial personnel is undertaken to confirm validity in accordance with workplace procedures.
- 2.3 The test procedures and relevant parameters are documented and filed as quality control technical specifications 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.