

Monitor quality standards of incoming materials for knitted goods production

Level 3

Credits 3

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: test yarns for conformity with product specification and company requirements; monitor and test ancillary textile materials for conformity to product specification and company requirements; monitor labelling and packaging materials for conformity with product specification and company requirements; and prepare reports for managerial action on faulty incoming materials.

Subfield Industrial Machine Knitting

Domain Knitting Industry Quality Assurance

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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 testing or monitoring of the quality of incoming materials used in the production of knitted goods. These materials include the yarns used as the raw materials of the knitting operation, and may include any woven or printed sew-in labels, sewing yarns, woven, knitted or non-woven trimmings, strappings, gusset, reinforcing or padding fabrics, elastics, and other materials used in the assembly of completed knitted goods, sewing tickets, point-of-sale labelling, and packaging materials.

The range of incoming materials is as appropriate to the company operation.

- 2 The range of tests and checks on incoming materials will vary according to the specific materials, and may range from tests for yarn count, twist, and condition to colour matching and print-registration in printed materials.
- 3 Technical aspects that are required to be covered in demonstrating competence in this unit standard include:
 - a knowledge and skill in carrying out a range of tests on yarns;
 - b knowledge of the specifications against which materials are monitored;
 - c knowledge of a range of tests and/or checks appropriate to specific incoming materials and the performance characteristics required of them;
 - d the fault-reporting procedures by means of which action can be taken by the company with the suppliers of the materials.
- 4 Competence will be demonstrated on a minimum of three of the company's complement of tests.
- 5 Definitions
Product specification refers to the document which accompanies each manufacturing order. This specifies all of the parameters for the purchase of the yarn batch.
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

Test yarns for conformity with product specification and company requirements.

Range yarns to be knitted in the workplace.

Performance criteria

- 1.1 The range of tests to be carried out on yarns used as knitting raw materials is identified and described.
- 1.2 Yarns are sampled, test procedures are carried out, and the results recorded, in accordance with workplace procedures.

Range a minimum of three different methods of test.
- 1.3 Test results are documented and evaluated against product specification and company requirements.

Element 2

Monitor and test ancillary textile materials for conformity with product specification and company requirements.

Range materials associated with manufacturing of company products.

Performance criteria

- 2.1 The range of checking procedures and/or tests is specified and described in terms of the ancillary textile materials to be monitored in accordance with workplace procedures.
- 2.2 Monitoring procedures and tests are carried out on incoming ancillary textile materials in accordance with workplace procedures.
- 2.3 Monitoring and test results are documented and evaluated against product specification and company requirements.

Element 3

Monitor labelling and packaging materials for conformity with product specification and company requirements.

Performance criteria

- 3.1 The range of checking procedures and tests is specified and described in terms of the labelling and packaging materials to be monitored.
- 3.2 Monitoring procedures are carried out on labelling and packaging materials in accordance with workplace procedures.
- 3.3 Monitoring and test results are documented and evaluated against product specification and company requirements.

Element 4

Prepare reports for managerial action on faulty incoming materials.

Performance criteria

- 4.1 Fault reporting procedures for managerial action on defective or non-conforming incoming materials are described and carried out 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.