

Lay up fabrics by machine in the clothing industry

Level 3

Credits 12

Purpose People credited with this unit standard are able to: lay up multiple plies of fabric by machine; adapt working practice for different materials; maintain a laying up machine; and load and unload rolls or bales of material.

Subfield Clothing Manufacture

Domain Apparel Cutting and Sewing

Status Registered

Status date 19 June 2009

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Entry information Recommended: Unit 5305, *Lay up fabrics by hand in the clothing industry*, or demonstrate equivalent knowledge and skills.

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.
- 2 Range
 - Thick or rigid – denim, 9 gauge knitted.
 - Thin or stretch – lycra, nylon, lace, gauze single jersey.
 - Slippery – lycra, nylon.
 - Open – net, lace.

3 Definition

Workplace procedures refer to the verbal or documented procedures for performing work activities and include health and safety, operational, environmental, and quality management requirements. They may refer to manuals, manufacturer's specifications, codes of practice, or policy statements.

Elements and performance criteria

Element 1

Lay up multiple plies of fabric by machine.

Performance criteria

- 1.1 Plies are free from creases, all ripples are removed, and near edge is vertically stacked and straight.

Range minimum of two plies.
- 1.2 The bench or base paper is identified with splice marks or block marks.
- 1.3 End stops are set consistent with fabric behaviour under tension.
- 1.4 End loss does not exceed given tolerances for each fabric.
- 1.5 Plies are cut straight or lapped according to type of fabric, product, and lay system.

Element 2

Adapt working practice for different fabrics.

Range minimum of two fabrics.

Performance criteria

- 2.1 End loss matches type of fabric and fabric behaviour.
- 2.2 Tension of laid material is consistent throughout the lay.
- 2.3 Maximum depth is consistent with type of cutting equipment to be used.
- 2.4 Quality standards with regard to flaws meet workplace procedures.

Element 3

Maintain a laying up machine.

Performance criteria

- 3.1 The machine is lubricated and maintained according to manufacturer's specifications.
- 3.2 Electronic sensors or other edge straightening devices are checked for accuracy according to manufacturer's specifications.
- 3.3 End cutters and end stops where used are set and used according to manufacturer's specifications.
- 3.4 Machine faults are identified and reported according to workplace procedures.
- 3.5 All maintenance procedures are in accordance with workplace procedures.

Element 4

Load and unload rolls or bales of material.

Performance criteria

- 4.1 Rolls or bales are loaded to the machine manufacturer's specifications.
- 4.2 Fabric is threaded according to the machine manufacturer's specifications.
- 4.3 Surplus material is removed from the machine and wrapped or tied according to workplace procedures.
- 4.4 Unused fabric is returned to stock and recorded according to workplace procedures.
- 4.5 Records of labour and fabric usage meet 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.