

## Demonstrate knowledge of industrial apparel cutting and sewing

**Level** 2

**Credits** 3

**Purpose** People credited with this unit standard are able to demonstrate knowledge of: apparel cutting equipment and marker making in a commercial environment; fabric fusing and interlining equipment and purposes; and stitch types and purposes.

**Subfield** Clothing Manufacture

**Domain** Apparel Cutting and Sewing

**Status** Registered

**Status date** 19 June 2009

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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>.

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### Special notes

- 1 This unit standard is for people entering the apparel industry from other industries or from school.
- 2 Apparel production systems as stated in this unit standard:
  - Bulk – work is not split into small bundles after cutting.
  - Progressive bundle – bundle of work moves from operator to operator.
  - Make through – an operator completes the whole product.
  - Modular groups – flexible teams of operators who may stand whilst sewing.
  - Unit production – manual and/or mechanised systems where one garment at a time moves.
- 3 Definition  
*Structured garments* or parts of garments may have lining, fusing, boning, wiring or shoulder pads and usually have complex methods of construction.

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## Elements and performance criteria

### Element 1

Demonstrate knowledge of apparel cutting equipment and marker making in a commercial environment.

#### Performance criteria

- 1.1 Apparel cutting terminology is identified and explained using accepted industry terminology.
- Range notching, high points, re-blocking, recuts, fabric faults.
- 1.2 Cutting equipment is identified, and purposes are explained using accepted industry terminology.
- Range equipment – shears, straight knife, round knife, band knife, computer cutter, notchers, drills;  
purposes – quantity, materials, costs.
- 1.3 Marker terminology and marker types are explained using accepted industry terminology.
- Range types – single size, integrated multi size, manual marker, computer marker, stepped marker;  
terminology – marker, marker annotation, end allowances, width allowances, selvedge, fabric utilisation percentage.
- 1.4 Laying up terminology and equipment are identified and explained using accepted industry terminology.
- Range equipment – hand propelled machine, powered machine, blocks, weights;  
terminology – one way, two way, face to face, lapped, rainbow, shade separators, cut outs, straightening, striped and/or checked lays, blocking allowances, open width fabric, circular fabric, hand lay.
- 1.5 Bundling and/or pre-production terminology and procedures are identified and explained in relation to specific apparel production systems.
- Range terminology – picking off, piece identification, bundle identification, re-laying, recuts;  
procedures – make through, progressive bundle, unit production, modular work groups, bulk production.

## Element 2

Demonstrate knowledge of fabric fusing and interlining equipment and purposes.

### Performance criteria

- 2.1 The purpose of using fusing on apparel components is explained.
- 2.2 Fusing equipment and procedures are explained in terms of suitability for production and product requirements.
- Range flat bed fusers, conveyor fusers, hand irons.
- 2.3 Purposes of interlinings in apparel products are explained.
- Range structured jackets and/or coats, dresses, shirts.

## Element 3

Demonstrate knowledge of stitch types and purposes.

Range single needle lockstitch, overlock, safety stitch, multi-needle chainstitch, elasticators, zigzag, cover stitch, blind hem, bartack.

### Performance criteria

- 3.1 Machine stitch structures are recognised from given illustrations.
- 3.2 Purposes of each stitch are explained.
- Range strength, appearance, stretch.

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### 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](mailto:Competenz info@competenz.org.nz) if you wish to suggest changes to the content of this unit standard.