Title: Comb top on a combing machine

Level: 2
Credits: 6

Purpose: This unit standard is for people working in the top making industry. People credited with this unit standard are able to: describe the function of a comb; operate the comb safely and efficiently to make product to specification; and maintain a clean machine and work area.

Classification: Textiles Manufacture > Top Making, Semi-Worsted and Worsted Processing

Available grade: Achieved

Explanatory notes


2. Workplace productivity and quality requirements will be met.

Outcomes and evidence requirements

Outcome 1
Demonstrate knowledge of combing and the combing machine.

Evidence requirements

1.1 Combing is explained in terms of process and the reasons for combing.

1.2 Comb components and sections are described in terms of function and operation.
Range: feed gill, shovel plate, nip, intersector comb, draw-off rollers, apron, comb cylinder, noil brush, fillet roller, doffing comb, controls.

1.3 Combing faults are described in terms of cause, impact on finished product, and subsequent processing and corrective action.
Range: excessive noil, uneven sliver.
Outcome 2

Prepare and operate a combing machine.

**Evidence requirements**

2.1 Machine is prepared and operated according to workplace safety procedures.

2.2 Machine is prepared for operation according to workplace practice and work instructions.

   Range sliver identified, number of feed slivers, end break detectors and stop devices set.

2.3 Top is combed according to work instructions.

   Range end breaks mended, cans changed, noil bins emptied, test samples taken.

2.4 Records are kept according to plant procedure.

Outcome 3

Identify and fix operational and product faults.

**Evidence requirements**

3.1 Top faults are identified and rectified according to workplace procedure.

3.2 Noil examination is used to identify need of comb setting changes.

3.3 Combing machine malfunction is identified and rectified according to plant procedure.

Outcome 4

Clean comb and work area.

**Evidence requirements**

4.1 Combing area is kept clean and all waste fibre collected and sorted according to type to prevent contamination.

4.2 Comb is cleaned at end of a batch according to plant requirement and in accordance with plant safety procedures.

4.3 Wheels on cans are kept clear of fibre to prevent jamming.
This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

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Consent and Moderation Requirements (CMR) reference 0030
This CMR can be accessed at http://www.nzqa.govt.nz/framework/search/index.do.

Please note
Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMR). The CMR 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.