## Prepare a loom for narrow weaving

<table>
<thead>
<tr>
<th>Level</th>
<th>3</th>
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**Purpose**

This standard is for people working in the narrow weaving industry. People credited with this unit standard are able to: demonstrate knowledge of loom preparation; prepare weft; and set up narrow loom.

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<tr>
<th>Subfield</th>
<th>Textiles Manufacture</th>
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<tr>
<td>Domain</td>
<td>Weaving</td>
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<tr>
<td>Status</td>
<td>Registered</td>
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<tr>
<td>Status date</td>
<td>25 November 1996</td>
</tr>
<tr>
<td>Date version published</td>
<td>21 May 2010</td>
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<tr>
<td>Planned review date</td>
<td>31 December 2013</td>
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**Entry information**

Prerequisite: Unit 8956, *Weave narrow fabric*, 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


**Special notes**

1. Competence will be demonstrated on a loom used in the workplace.
3. Workplace productivity and quality requirements will be met.
Elements and performance criteria

Element 1

Demonstrate knowledge of loom preparation.

Performance criteria

1.1 Components of the loom and gear that require adjustment and/or setting during loom preparation are identified and described according to their function and operation.

1.2 Loom settings are calculated according to work instructions.

   Range reed width, picks per cm, weft colour, rate of feed, loom speed, binder or method of locking knitted edge, heald per shafts, number of shafts, reed dents per cm or inch.

1.3 Weaving faults caused by loom set-up are identified and described in terms of their effects in subsequent processing and product quality.

   Range width, number of picks, ends out.

Element 2

Prepare weft.

Performance criteria

2.1 Weft is prepared for weaving according to work instructions.

   Range work instructions checked, yarn identified, feed devices set, binder e.g. weft knit, catch thread, lock thread.

2.2 Loom settings for weft yarn are adjusted according to the machine set-up procedure.

Element 3

Set up narrow loom.

Performance criteria

3.1 Warp is located and centred in the loom according to the machine requirement.

3.2 Heald shafts are joined to the corresponding shaft levers in sequence required by work instruction.

3.3 Front reed is set in machine according to machine set-up procedure.

3.4 Weft insertion is set to weaving width according to work instructions.
3.5 Ends of the new warp are attached and pulled through according to machine set-up procedure.

3.6 Warp break detectors are threaded according to machine requirement.

3.7 Loom settings are made according to work instruction and calculations to produce specified fabric according to plant production standards.

Range warp tension, shed timing, weft insertion, binder or method of locking knitted edge.

3.8 Elements for weft and warp lifting plans are calculated, constructed, and mounted on loom devices.

3.9 Fabric is produced according to workplace productivity standards and product specification.

Range number of picks per cm, pattern, width, colour compared to samples.

3.10 Test piece is produced and sampled according to plant procedure.

3.11 Pick sequence is coordinated with lifting plan.

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.