

## Repair and service industrial knitting machines

**Level** 3

**Credits** 19

**Purpose** This unit standard is for mechanics of all types of industrial knitting machines.

People credited with this unit standard are able to remove, repair, and replace all parts and assemblies on industrial knitting machines and lubricate machines to machine-builder's specifications and to defined oiling schedules.

**Subfield** Industrial Machine Knitting

**Domain** Knitting Machine Servicing and Maintenance

**Status** Registered

**Status date** 19 March 2010

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**Entry information** Open.

**Replacement information** This unit standard, unit standard 26164, unit standard 26165, unit standard 26167, and unit standard 26168 replaced unit standard 4496.

**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>.

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### Special notes

- 1 This unit standard applies to all sectors of the knitting industry.
- 2 This unit standard relates to the servicing, maintenance, and alteration of a single category of knitting machine.
- 3 A single category of machine is, for example, a half-hose machine, or circular piecegoods machine, or full-fashioned machine.

- 4 All repair and servicing procedures must be carried out in accordance with workplace procedures, and as directed by a supervisor.
- 5 Performance of the elements must comply with the requirements of the Health and Safety in Employment Act 1992.
- 6 Technical aspects that are required to be covered in demonstrating competence in this unit standard may include any or all of the following, depending on the machines used in the workplace:
  - a application of occupational safety and health procedures, including the use of first aid equipment and safe lifting practices;
  - b the use of engineering tools in the correct and fitting manner;
  - c lubricants and oiling schedules.
- 7 **Definition**  
*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.

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## Elements and performance criteria

### Element 1

Remove, repair, and replace all parts and assemblies on industrial knitting machines.

### Performance criteria

- 1.1 Assemblies, sub-assemblies and parts are removed in accordance with machine-builder's instructions.
- 1.2 Parts are cleaned in accordance with workplace procedures.
- 1.3 Damaged parts are removed, and repaired or replaced according to machine-builder's instructions and workplace procedures.
- 1.4 Parts and sub-assemblies are fitted, and assemblies are refitted to the machine in accordance with machine-builder's instructions and workplace procedures.
- 1.5 Specified lubrication is applied in accordance with instructions and workplace procedures.
- 1.6 The functions of all replaced parts are tested, and alterations or adjustments are made, as necessary, for correct operation in accordance with workplace procedures.
- 1.7 The machine is run and monitored, and alterations or adjustments are made, as necessary, for correct operation at production speed in accordance with workplace procedures.

## Element 2

Lubricate industrial knitting machines to machine-builder's specifications and to defined oiling schedules.

### Performance criteria

- 2.1 Specified lubricants, or equivalents, and lubricating points are identified according to machine-builder's instructions.
- 2.2 Machines are lubricated at all points to oiling schedule in accordance with workplace procedures.

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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.

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### 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.