

National Certificate in Industrial Machine Knitting (Service and Repair) (Level 3)

Level 3

Credits 117

This qualification has been **reviewed**. The last date to meet the requirements 31 December 2019.

Transition Arrangements

This qualification was republished to extend the last date of entry to 31 December 2017. This qualification has been reviewed and replaced by the New Zealand Certificate in Textile Manufacturing (Level 4) with an optional strand in Technical Leadership [Ref: 2978].

The last date for entry into programmes leading to this qualification is 31 December 2017.

It is anticipated that no existing candidates will be disadvantaged by these transition arrangements. However, anyone who feels that they have been disadvantaged may appeal to Competenz at the address below. Appeals will be considered on a case by case basis.

For detailed information see [Review Summaries](#) on the NZQA website.

NZQF National Qualification Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	March 2001	December 2011
Revision	2	April 2008	December 2011
Review	3	May 2010	December 2019
Review	4	October 2015	December 2019
Republication	4	August 2016	December 2019

Standard Setting Body

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National Certificate in Industrial Machine Knitting (Service and Repair) (Level 3)

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Credits 117

Purpose

This qualification recognises the skills and knowledge required to be able to service and repair knitting machines.

The qualification is comprised of compulsory credits that recognise the core knowledge and skills in knitting machine operation, maintenance, servicing, and health and safety, and an elective which recognises skills in either Warp or Weft knitting.

It can build on the National Certificate in Industrial Machine Knitting (Operation) (Level 2) [Ref: 0838] and provide a basis for people to continue training leading to the National Diploma in Machine Knitting (Level 5) [Ref: 1552]. However, it is also open to new trainees to the industry or current employees who have not had a formal structured qualification available to them.

Replacement Information

This qualification replaced the National Certificate in Industrial Machine Knitting (Maintenance) (Level 3) with specialist strands in Warp Knitting, and Weft Knitting [Ref: 0157].

Special Notes

In the Warp knitting sector assessment will take place using Warp knitting machines such as Tricot or Raschel machines.

In the Weft knitting sector assessment will take place using machines such as Circular Garment-Length, Circular Piece-Goods, Flat Bed, Fully Fashioned, Full Length Hosiery, and Half-Hose machines.

Credit Range

	Compulsory	Elective
Level 2 credits	6	-
Level 3 credits	104	7
Minimum totals	110	7

Requirements for Award of Qualification

Award of NQF Qualifications

Credit gained for a standard may be used only once to meet the requirements of this qualification.

Unit standards and achievement standards that are equivalent in outcome are mutually exclusive for the purpose of award. The table of mutually exclusive standards is provided in section 7 of the New Zealand Qualifications Authority (NZQA) Rules and Procedures publications available at <http://www.nzqa.govt.nz/ncea/acrp/index.html>.

Reviewed standards that continue to recognise the same overall outcome are registered as new versions and retain their identification number (ID). Any version of a standard with the same ID may be used to meet qualification requirements that list the ID and/or that specify the past or current classification of the standard.

Summary of Requirements

- Compulsory standards
- Elective – A minimum of 1 standard as specified

Detailed Requirements

Compulsory

The following standards are required

Manufacturing > Industrial Machine Knitting > Knitting Machine Operation

ID	Title	Level	Credit
16122	Operate industrial knitting machines	3	10
16123	Carry out remedial adjustments and quality checks on industrial knitting machines	3	10

Manufacturing > Industrial Machine Knitting > Knitting Machine Servicing and Maintenance

ID	Title	Level	Credit
26164	Perform basic repairs and service relating to knitting elements for industrial knitting machines	3	21
26165	Adjust machine settings and monitor and control knitting quality on industrial knitting machines	3	19
26166	Repair and service industrial knitting machines	3	19
26167	Change pattern selection and control systems to a prepared programme on an industrial knitting machine	3	14
26168	Service and repair ancilliary machines in the industrial knitting industry	3	11

Manufacturing > Manufacturing Skills > Apparel and Textile Manufacturing - Workplace Skills

ID	Title	Level	Credit
17915	Demonstrate knowledge of safe working practices in the apparel or textile industry	2	6

Elective

A minimum of 1 standard

Manufacturing > Industrial Machine Knitting > Knitting Machine Servicing and Maintenance

ID	Title	Level	Credit
4494	Demonstrate knowledge of the knitting and fashioning cycles of full-fashioned machines	3	7
4495	Demonstrate knowledge of the cam actions of weft-knitting latch needle machines	3	7
4720	Demonstrate knowledge of the movements and timings of tricot element bars to the needle action	3	7
4721	Demonstrate knowledge of the movements and timings of Raschel element bars to the needle action	3	7

Transition Arrangements

Version 3

Version 3 was issued following a review of the Industrial Machine Knitting qualifications. The strands were removed and replaced with the elective section which allows a choice of weft or warp knitting standards.

Changes to structure and content

- Standard 4496 has been replaced with standards 26164, 26165, 26166, 26167, and 26168.
- A special note has been added to clarify machines to be used for assessment.
- The strands have been removed and the standards have been moved to a new elective.

For detailed information see Review Summaries on the NZQA website.

People currently enrolled in programmes leading to the award of earlier versions of this qualification may either complete those versions or transfer to this version.

This qualification contains standards that replace earlier standards. For the purposes of this qualification, people who have gained credit for the expiring standards are exempt from the requirement to gain credit for the replacement standards – see table below.

Credit for	Exempt from
4489	16122, 16123
4496	26164, 26165, 26166, 26167, 26168

Previous versions of the qualification

Version 2 was issued following a revision. The purpose statement and format were updated, but there were no changes to structure or content.

Version 1 of this qualification replaced the National Certificate in Industrial Machine Knitting (Maintenance) (Level 3) with specialist strands in Warp Knitting, and Weft Knitting [Ref: 0157] following its review. The transition for that qualification expired in December 2004.

Industry will continue to recognise the former qualification, so there should be no need to 'upgrade' by those who have already achieved one.

Certification

The certificate will display the logos of NZQA, Competenz and the accredited organisation.

Classification

This qualification is classified according to the NQF classification system and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

DAS Classification		NZSCED	
Code	Description	Code	Description
277	Manufacturing > Industrial Machine Knitting	030105	Engineering and Related Technologies > Manufacturing, Engineering and Technology > Textile Making

Quality Management Systems

Providers and Industry Training Organisations must be accredited by a recognised Quality Assurance Body before they can register credits from assessment against standards. Accredited providers and Industry Training Organisations assessing against standards must engage with the moderation system that applies to those standards. Accreditation requirements and the moderation system are outlined in the associated Accreditation and Moderation Action Plan (AMAP) for each standard.