

## National Certificate in Pharmaceutical and Allied Products Manufacturing (Level 1)

**Level** 1

**Credits** 40

### Purpose

The National Certificate in Pharmaceutical and Allied Products Manufacturing (Level 1) [Ref: 1233] is an introductory qualification intended to provide foundation skills for employees involved in activities related to the manufacture of pharmaceutical and allied products. Holders of this certificate are able to work under supervision, in a range of roles associated with pharmaceutical and allied products manufacturing. These roles include dispensing, manufacturing, packing, quality control and warehousing.

The qualification provides a core of compulsory skills and knowledge associated with the compliance requirements for Good Manufacturing Practice as defined in relevant legislation and regulations, as well as an introduction to the manufacturing systems and procedures used by the industry. It also comprises fundamental health and safety, communications, and numeracy skills. The elective section of the qualification is designed to meet individual industry preferences, as well as providing a foundation for the various options available for higher qualifications.

Certificate holders are encouraged to undertake further training towards the National Certificate in Pharmaceutical and Allied Products Manufacturing (Level 2) [Ref: 1234]. Alternatively, certificate holders who wish to specialise in the engineering related activities required by this sector, can train towards the National Certificate in Engineering and Technology (Pharmaceutical and Allied Products) (Level 2) [Ref: 1235]. This certificate is a prerequisite for both of the above National Certificates.

### Credit Range

	Compulsory	Elective
Level 1 credits	27	1-10
Level 2 credits	3	0-9
Minimum totals	30	10

### Requirements for Award of Qualification

This qualification will be awarded to people who have met the requirements of the compulsory and elective sections.

#### Compulsory

All the standards listed are required.

#### Elective

A minimum of 10 credits is required from the list of standards.

**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 the Qualifications Authority *Rules and Procedures* publications available at [www.nzqa.govt.nz/ncea/](http://www.nzqa.govt.nz/ncea/).

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.

**Detailed Qualification Requirements**

**Compulsory**

All the standards listed below are required.

Field Health  
 Subfield Occupational Health and Safety  
 Domain Occupational Health and Safety Practice

Id	Title	Level	Credit
497	Protect health and safety in the workplace	1	1

Field Humanities  
 Subfield Communication Skills  
 Domain Reading

Id	Title	Level	Credit
2977	Read texts for practical purposes	1	4

Domain Writing

Id	Title	Level	Credit
3490	Write an incident report	1	3

Subfield English  
 Domain English Oral Language

Id	Title	Level	Credit
8817	Listen attentively during and interact in discussion	1	2

Field Manufacturing  
 Subfield Pharmaceutical and Allied Products  
 Domain Pharmaceutical and Allied Products Manufacturing

Id	Title	Level	Credit
21074	Demonstrate knowledge of inwards materials for pharmaceutical and allied products manufacturing	1	2
21365	Demonstrate basic knowledge of product packaging and packing for pharmaceutical and allied products	1	4
21367	Demonstrate basic knowledge of solid and liquid pharmaceutical and allied products manufacturing	1	3

Domain Pharmaceutical and Allied Products Quality Assurance

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
21071	Follow basic regulatory requirements in pharmaceutical and allied products manufacturing	1	3
21072	Demonstrate knowledge of current good manufacturing practice for pharmaceutical and allied products	2	3

Field Sciences  
 Subfield Mathematics  
 Domain Measurement

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
8492	Use standard units of measurement	1	3

Domain Number

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
8490	Solve problems using calculations with numbers expressed in different forms	1	2

**Elective**

A minimum of 10 credits is required from the following standards.

Field Core Generic  
 Subfield Core Generic  
 Domain Work and Study Skills

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
1978	Identify basic employment rights and responsibilities, and sources of information and assistance	1	2
4249	Demonstrate care and timeliness as an employee	1	3

Field Engineering and Technology  
 Subfield Mechanical Engineering  
 Domain Engineering Core Skills

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
2395	Select, use and care for, engineering hand tools	2	4
21911	Demonstrate knowledge of safety on engineering worksites	2	1
21912	Apply safe working practices on an engineering worksite	2	2

Domain Engineering – Measurement

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
4432	Demonstrate knowledge of, and convert, units of measure used in engineering	2	2
4433	Select, use, and care for simple measuring devices used in engineering	1	2

Field Humanities  
 Subfield Communication Skills  
 Domain Interpersonal Communications

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
3503	Participate in a team or group to complete routine tasks	1	2
9707	Demonstrate knowledge of workplace communications requirements	1	5

Field Sciences  
 Subfield Mathematics  
 Domain Measurement

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
5228	Take measurements and use calculations to solve measurement problems	1	3

Domain Number

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
8491	Read and interpret information presented in tables and graphs	1	2

Subfield Science  
 Domain Biology

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
18978	Demonstrate knowledge of biotechnology	1	2

Subfield Statistics and Probability  
 Domain Statistics

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
5240	Explore data and evaluate reports	1	3

## NQF Registration Information

<b>Process</b>	<b>Version</b>	<b>Date</b>	<b>Last Date for Award</b>
Registration	1	March 2006	N/A

## Standard Setting Body

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Any person or organisation may contribute to the review of this qualification by sending feedback to the standard setting body at the above address.

The review of this qualification is planned to take place in 2010.

### Other standard setting bodies whose standards are included in the qualification

Competenz  
 New Zealand Industry Training Organisation - Industrial Health and Safety Advisory Group  
 NZQA

### Certification

The certificate will display the logos of the Qualifications Authority and Competenz Incorporated.

### Classification

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

NQF Classification		NZSCED	
Code	Description	Code	Description
1943	Manufacturing/Pharmaceutical and Allied Products/Pharmaceutical and Allied Products Manufacturing	030199	Engineering and Related Technologies/Manufacturing, Engineering and Technology/Manufacturing Engineering and Technology not elsewhere classified

#### Quality Management Systems

A recognised Quality Assurance Body must accredit providers and Industry Training Organisations 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.