

## National Diploma in Composting (Level 5)

**Level** 5

**Credits** 195

### Purpose

The National Diploma in Composting (Level 5) [Ref: 1317] recognises the skills and knowledge of a manager of a composting facility. Holders of this certificate will demonstrate knowledge and skills in management and highly developed technical skills related to compost production in the context of resource recovery.

The compulsory section recognises skills in:

- Planning and scheduling compost production
- Supervising and monitoring health and safety
- Developing composting recipes
- Reviewing, implementing, and monitoring quality
- Environmental management
- Sourcing, assessing, and classifying raw materials.

Holders of this diploma will be able to demonstrate knowledge of:

- Properties and applications of compost products
- Production issues at a composting facility
- Principles of organic resource recovery and recycling.

The elective sections provide scope for selecting standards related to the specific requirements of the individual candidate and the compost facility by recognising a range of management and industry based skills.

This qualification is part of a pathway that comprises the National Certificate in Composting (Core Skills) (Level 2) [Ref: 1315], the National Certificate in Composting (Level 3) [Ref: 1316], and the National Diploma in Composting (Level 5) [Ref: 1317].

### Credit Range

	<b>Compulsory</b>	<b>Elective 1</b>	<b>Elective 2</b>	<b>Elective 3</b>
Level 3 credits	5	0-5	-	-
Level 4 credits	15	0-3	0-70	0-5
Level 5 or above credits	60	32-40	0-70	0-5
Minimum totals	80	40	70	5

### Requirements for Award of Qualification

- Compulsory standards
- Elective 1 – A minimum of 40 credits as specified
- Elective 2 – A minimum of 70 credits as specified
- Elective 3 – A minimum of 5 credits as specified

**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.

**Detailed Requirements****Compulsory**

The following standards are required

## Service Sector &gt; Resource Recovery &gt; Composting

Id	Title	Level	Credit
23311	Plan and schedule compost production for a composting facility	5	20
23313	Develop a composting recipe for a composting facility	5	20
23315	Review, implement, and monitor quality assurance and environment management for a composting facility	5	20
23316	Source, assess, and classify raw materials for composting	4	10
23318	Describe the properties and applications of compost products, and production issues at a composting facility	4	5

## Service Sector &gt; Resource Recovery &gt; Resource Recovery Theory

Id	Title	Level	Credit
22634	Explain principles of organic resource recovery and recycling	3	5

**Elective 1**

A minimum of 40 credits

## Service Sector &gt; Resource Recovery &gt; Composting

Id	Title	Level	Credit
23294	Establish vermicomposting units for resource recovery activity and maintain the environment and microbiology	3	5
23319	Plan and develop a composting facility	5	20
23652	Prepare for and conduct on-site testing at a composting facility	4	3

Service Sector > Resource Recovery > Resource Recovery Operations

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
22623	Plan and manage the implementation of the promotion of a resource recovery facility	5	12

Service Sector > Resource Recovery > Resource Recovery Theory

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
22640	Demonstrate knowledge of legislation, policies, and programmes relating to resource recovery	5	25

**Elective 2**

A minimum of 70 credits at Level 4 or above

<b>Field</b>	<b>Subfield</b>	<b>Domain</b>
Business	Business Operations and Development	People Development and Coordination
		Quality Management
		Systems and Resources Management
	Financial Management	Financial Skills
	Marketing	Generic Marketing
Marketing Research		
Humanities	Communication Skills	Interpersonal Communications
		Writing
Service Sector	Resource Recovery	Composting
		Resource Recovery - Construction and Demolition
		Resource Recovery Operations
		Scrap Metal Recycling
	Retail, Distribution, and Sales	Any
	Solid Waste	Hazardous and Special Waste Management

**Elective 3**

A minimum of 5 credits at Level 4 or above from anywhere on the NQF

**NQF Registration Information**

<b>Process</b>	<b>Version</b>	<b>Date</b>	<b>Last Date for Assessment</b>
Registration	1	September 2007	N/A

## Standard Setting Body

NZ Extractive Industries Training Organisation  
 PO Box 2623  
 CHRISTCHURCH

Telephone 03 964 4710  
 Email [info@exito.org.nz](mailto:info@exito.org.nz)

## Planned Review

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

Next Review	2011
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## Certification

The certificate will display the logos of NZQA and NZ Extractive Industries Training 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.

NQF Classification		NZSCED	
Code	Description	Code	Description
2047	Service Sector > Resource Recovery > Composting	039901	Engineering and Related Technologies > Other Engineering and Related Technologies > Environmental Engineering

### 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.