

National Certificate in Solid Waste Disposal (Landfill Operations) (Level 3)

Level 3

Credits 52

This qualification has been **reviewed**. The last date to meet the requirements is 31 December 2020.

Transition Arrangements

This replaced qualification version 2 was republished in December 2016 to extend its last date for entry into training programmes from 31 December 2016 to 31 December 2017.

This qualification has been reviewed and replaced by New Zealand Certificate in Resource Recovery (Level 3) with strands in Composting, Recovery and Recycling, Scrap Metal Recycling, and Solid Waste, and an optional strand in Hazardous Waste [Ref: 2744]

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

People currently working towards this qualification may either complete the requirements by 31 December 2020 or transfer to the replacement New Zealand qualification.

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

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 MITO at the address below. Appeals will be considered on a case-by-case basis.

NZQF National Qualification Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	July 2008	December 2020
Review	2	May 2015	December 2020
Republished	2	December 2016	December 2020

Standard Setting Body

NZ Motor Industry Training Organisation (Incorporated) (MITO)

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National Certificate in Solid Waste Disposal (Landfill Operations) (Level 3)

Level 3

Credits 52

Purpose

This National Certificate recognises the skills and knowledge of an experienced landfill operator. The holder of the qualification is able to work at a landfill in an operations role under general supervision.

The compulsory section recognises knowledge of operations and environmental protection at a landfill.

In acknowledgement of the diversity of landfill operations, such as cell filling, storm water drainage, cell compaction, watering, and daily cover, the elective section enables candidates to select standards that cover different operations, essential knowledge and skills that underpin those operations, and demonstrate competencies that may be required in some employment contexts.

This qualification follows on from the National Certificate in Solid Waste (Core Skills) (Level 2) with an optional strand in Hazardous Waste [Ref: 1398] and leads to the National Certificate in Solid Waste Disposal (Landfill Management) with optional strands in Gas Extraction, Leachate Removal, and Tiphead Control [Ref: 1401].

Special Notes

It is recommended that prior to achievement of this qualification candidates have knowledge of safe handling and disposal of solid waste. This may be evidenced by achievement of the National Certificate in Solid Waste (Core Skills) (Level 2) with an optional strand in Hazardous Waste [Ref: 1398], or demonstration of equivalent knowledge and skills.

Credit Range

	Compulsory	Elective A	Elective B	Elective C
Level 2 credits	2	-	0-5	0-5
Level 3 or above credits	6	34	0-5	0-5
Minimum totals	8	34	5	5

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 – A minimum of 34 credits as specified
- Elective B – A minimum of 5 credits as specified
- Elective C – A minimum of 5 credits as specified

Detailed Requirements

Compulsory

The following standards are required

Service Sector > Resource Recovery > Resource Recovery Theory

ID	Title	Level	Credit
22636	Relate the principles of environmental sustainability to resource recovery	3	6

Service Sector > Solid Waste > Solid Waste Disposal

ID	Title	Level	Credit
23568	Demonstrate basic knowledge of landfill operations	2	2

Elective A

A minimum of 34 credits

Service Sector > Solid Waste > Solid Waste Disposal

ID	Title	Level	Credit
23570	Describe, operate, and maintain storm water drainage at a solid waste facility	3	12
23571	Demonstrate knowledge of landfill cell filling	3	12
23574	Operate a landfill compactor on solid waste	3	15

ID	Title	Level	Credit
23575	Operate a water tanker at a landfill	3	12
23576	Demonstrate knowledge of, create, and strip daily covers at a landfill	3	10
23581	Identify, isolate, and process controlled waste at a solid waste facility	3	15

Elective B

A minimum of 5 credits

Service Sector > Commercial Road Transport > Commercial Road Transport Skills

ID	Title	Level	Credit
15158	Carry out pre-drive vehicle checks on a heavy motor vehicle, start it up, and shut it down	2	4
17972	Demonstrate knowledge of heavy rigid vehicle dynamics and handling for safe driving	3	3

Service Sector > Driving > Driver Licence Endorsements

ID	Title	Level	Credit
16701	Demonstrate knowledge and skills for driving on a road for endorsement W (wheels)	3	3
16703	Demonstrate knowledge and skills for driving on a road for endorsement T (tracks)	3	3

Service Sector > Resource Recovery > Resource Recovery - Construction and Demolition

ID	Title	Level	Credit
23325	Demonstrate introductory knowledge of constraints on construction and demolition waste	2	5

Service Sector > Solid Waste > Solid Waste Disposal

ID	Title	Level	Credit
23569	Describe and control pests at solid waste facilities	2	6
23572	Describe and maintain the wheel wash facility at a landfill	2	2
23573	Describe odour control and control odour at a landfill	2	5
23582	Control traffic at the off-loading area of a solid waste facility	2	5

Elective C

A minimum of 5 credits at Level 2 or above

From anywhere on the NQF

Other standard setting bodies whose standards are included in the qualification

Tranzqual ITO

Certification

The certificate will display the logos of NZQA, the NZ Motor Industry Training Organisation (Incorporated) and the accredited organisation.

Classification

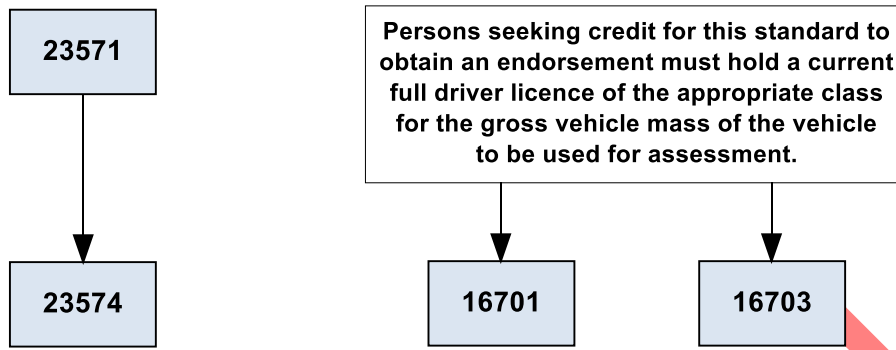
This qualification is classified according to the NQF classification system and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

DAS Classification		NZSCED	
Code	Description	Code	Description
2051	Service Sector > Solid Waste > Solid Waste Disposal	030399	Engineering and Related Technologies > Process and Resources Engineering > Process and Resources Engineering not elsewhere classified

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.

Prerequisite Diagram



Level 3

Key
 Standard is elective in this qualification

Reviewed