

National Certificate in Hazardous Waste (Processing and Disposal) (Level 3)

Level 3

Credits 54

Purpose

This National Certificate recognises the skills and knowledge of an experienced processor of hazardous waste for disposal. The holder of the qualification is able to work in the sector of the waste industry that processes and disposes of hazardous wastes, in an operations or administrative role.

The compulsory section recognises: understanding of legal requirements for approved handlers of hazardous substances, the chemistry of acid and base solutions and oxidation-reduction reactions, and the hazards of confined spaces; and skills in safely containing, handling, and storing hazardous and controlled wastes.

In acknowledgement of the diversity of solid and hazardous waste facilities, the elective section enables candidates to select knowledge and skills that cover specific operations, essential knowledge and skills that underpin those operations, and 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 the optional strand in Hazardous Waste [Ref: 1398], and leads to the National Certificate in Hazardous Waste (Processing and Disposal) (Level 4) [Ref: 1403] and the National Diploma in Hazardous Waste (Processing and Disposal) (Level 5) [Ref: 1404].

Special Notes

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

Credit Range

	Compulsory	Elective A	Elective B
Level 2 credits	3	0-4	-
Level 3 or above credits	31	4-15	5
Minimum totals	34	15	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 15 credits as specified
- Elective B – A minimum of 5 credits as specified

Detailed Requirements

Compulsory

The following standards are required

Health > Occupational Health and Safety > Occupational Health and Safety Practice

ID	Title	Level	Credit
18426	Demonstrate knowledge of hazards associated with confined space	3	4
20645	Describe the requirements of the HSNO Act 1996 relevant to approved handlers	3	3

Sciences > Science > Chemistry

ID	Title	Level	Credit
6345	Analyse spontaneous oxidation - reduction reactions	3	4
8949	Characterise the composition of acid and base solutions	3	4

Service Sector > Commercial Road Transport > Transportation of Waste and Recoverable Resources

ID	Title	Level	Credit
21567	Demonstrate and apply knowledge of liquid and hazardous waste products and their safe handling	3	2

Service Sector > Driving > Driver Licence Endorsements

ID	Title	Level	Credit
16718	Demonstrate knowledge of law and practice for the transport of Dangerous Goods by road	3	5

Service Sector > Solid Waste > Hazardous and Special Waste Management

ID	Title	Level	Credit
23335	Receive and contain hazardous waste at a specified site	3	2
23336	Demonstrate general knowledge of clinical waste management	3	2
23337	Explain safe methods for containing and storing hazardous substances in the waste handling industry	3	5
23340	Describe a type of special hazardous waste and explain safe methods for its collection and storage	2	3

Elective A

A minimum of 15 credits

- Of which a minimum of 10 credits at Level 3 or above

Engineering and Technology > Extractive Industries > Surface Extraction

ID	Title	Level	Credit
8893	Carry out weighbridge operations for extractive industries	3	10

Health > Occupational Health and Safety > Occupational Health and Safety Practice

ID	Title	Level	Credit
17599	Plan a confined space entry	4	5

Manufacturing > Energy and Chemical Plant > Monitoring of Energy and Chemical Plant

ID	Title	Level	Credit
3058	Perform gas tests for energy and chemical plant	4	5

Service Sector > Commercial Road Transport > Transportation of Waste and Recoverable Resources

ID	Title	Level	Credit
21568	Demonstrate knowledge of industrial sites relevant to the collection of liquid and hazardous waste	2	2
21569	Demonstrate and apply code of practice knowledge for the transport of liquid and hazardous waste	3	3
21570	Demonstrate and apply knowledge of fixed holding systems for liquid and hazardous waste products	3	3
21572	Respond to an emergency during a liquid and hazardous waste collection operation	4	4

Service Sector > Lifting Equipment > Powered Industrial Lift Trucks

ID	Title	Level	Credit
10851	Operate a powered industrial lift truck fitted with forks (forklift)	3	7

Service Sector > Solid Waste > Hazardous and Special Waste Management

ID	Title	Level	Credit
23338	Demonstrate knowledge of documentation for final disposal of hazardous and controlled waste	2	2
23339	Describe requirements for the containment, storage, treatment, and disposal of clinical waste	3	5
23341	Recover resources from hazardous waste and prepare the recovered hazardous resource for trade	3	6

Elective B

A minimum of 5 credits at Level 3 or above
From anywhere on the NQF

NQF Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	July 2008	N/A

Standard Setting Body

NZ Extractive Industries Training Organisation
PO Box 2623
CHRISTCHURCH

Telephone 03 964 4710
Email 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	2013
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Other standard setting bodies whose standards are included in the qualification

Competenz
New Zealand Industry Training Organisation
NZQA
Tranzqual ITO

Certification

The certificate will display the logos of NZQA, the NZ Extractive Industries Training Organisation and the accredited organisation.

Classification

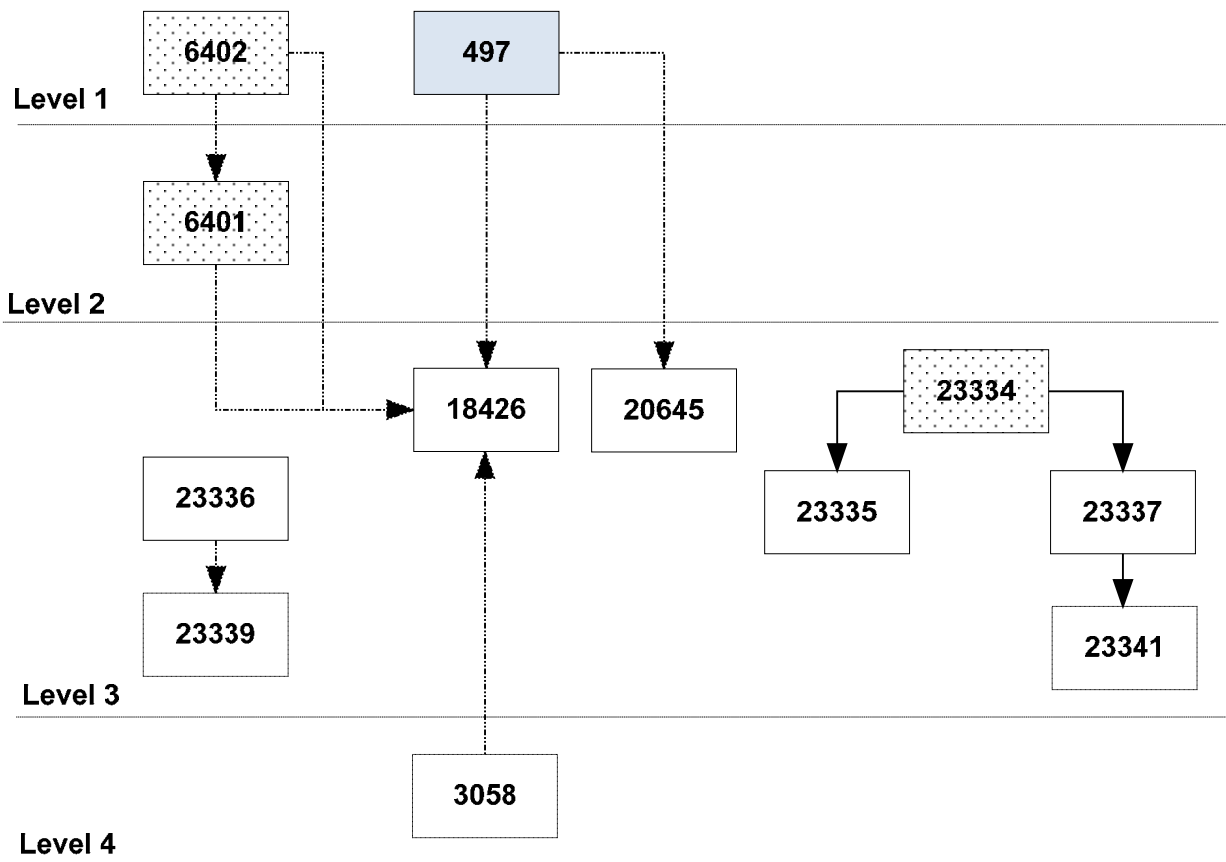
This qualification is classified according to the NQF classification system and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

NQF Classification		NZSCED	
Code	Description	Code	Description
2087	Service Sector > Solid Waste > Hazardous and Special Waste Management	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



Key

- ▶ Recommended standard
- Standard is elective in qualification
- ▤ Standard is compulsory in recommended National Certificate in Solid Waste (Core Skills) (Level 2) with an optional strand in Hazardous Waste [Ref: 1398]
- Standard is not in qualification