

National Certificate in Demolition (Equipment Operator) (Level 3) with optional strands in Crane, and Winch

Level 3

Credits 95

Purpose

This National Certificate recognises the skills and knowledge required of an experienced demolition equipment operator. The holder of the qualification will hold licence endorsements for wheels, tracks, and rollers and be able to safely operate a variety of equipment on a demolition site including wheeled loaders and excavators with demolition specific attachments. People in this role work autonomously and will be involved in the supervision and training of others.

The qualification is designed to recognise the core skills of a competent equipment operator within the New Zealand demolition industry. There are people within the industry who operate specialist or less common equipment, and recognition of these skills is covered by the inclusion of optional strands in Crane and Winch operation which can be completed over and above the core competencies.

It is recommended that people who wish to pursue a career in the demolition industry start with the National Certificate in Demolition (Introductory Skills) (Level 2) [Ref: 1085], as it provides underpinning knowledge and skills important to the operator role. However, it is not a prerequisite to this Level 3 qualification.

People who have completed the National Certificate in Demolition (Equipment Operator) (Level 3) with optional strands in Crane, and Winch [Ref: 1086] can continue a career pathway onto the National Certificate in Demolition (Site Supervisor) (Level 4) [Ref: 1087].

Credit Range

	Compulsory	Optional Crane Strand	Optional Winch Strand
Level 1 credits	4	-	-
Level 2 credits	6	-	-
Level 3 credits	74	8	15
Level 4 credits	11	5	-
Minimum totals	95	13	15

Requirements for Award of Qualification

This qualification will be awarded to people who have met the requirements of the compulsory section. The optional strand will be awarded to people who also meet the requirements of the particular strand chosen.

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/.

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 Community and Social Services
 Subfield Community and Workplace Fire and Emergency Management
 Domain Workplace Fire and Emergency Response

Id	Title	Level	Credit
16800	Take action to control small emergency situations	3	4

Field Education
 Subfield Generic Education and Training
 Domain Assessment of Learning

Id	Title	Level	Credit
11281	Prepare candidates for assessment	4	3

Field Engineering and Technology
 Subfield Civil Plant Operation and Management
 Domain Civil Plant Operation

Id	Title	Level	Credit
6468	Operate a mechanical rockbreaker	3	10
17309	Operate a wheeled loader on civil construction sites	3	20

Subfield Civil Works and Services
 Domain Civil Construction Works

Id	Title	Level	Credit
6454	Demonstrate knowledge of safety principles and maintain safety on civil construction works	2	5
6476	Read and interpret civil construction plans	1	3
6479	Locate and identify services on civil construction sites	3	4

Domain Demolition

Id	Title	Level	Credit
20217	Operate a hydraulic excavator on demolition sites	3	25
20437	Demonstrate knowledge of hazard identification and control for the demolition of simple structures	4	8

Field Health
 Subfield Health Studies
 Domain Core Health

Id	Title	Level	Credit
6400	Manage first aid in emergency situations	3	2
6401	Provide first aid	2	1
6402	Provide resuscitation level 2	1	1

Field Service Sector
 Subfield Driving
 Domain Driver Licence Endorsements

Id	Title	Level	Credit
16701	Demonstrate knowledge and skills for driving on a road for endorsement W (wheels)	3	3
16702	Demonstrate knowledge and skills for driving on a road for endorsement R (rollers)	3	3
16703	Demonstrate knowledge and skills for driving on a road for endorsement T (tracks)	3	3

Optional Strands**Crane**

All the standards listed are required.

Field Service Sector
 Subfield Cranes
 Domain Crane Operation

Id	Title	Level	Credit
3788	Demonstrate knowledge of skills required in the crane industry	3	8
3798	Carry out demolition activities using a mobile crane with demolition equipment	4	5

Winch

The standard listed is required.

Field Engineering and Technology
 Subfield Civil Plant Operation and Management
 Domain Civil Plant Operation

Id	Title	Level	Credit
17318	Operate a winch with civil plant	3	15

Transition Arrangements

Version 2

This qualification was issued as version 2 in order to amend the NZSCED reference.

NQF Registration Information

Process	Version	Date	Last Date for Award
Registration	1	March 2004	N/A
Revision	2	August 2005	N/A

Standard Setting Body

Infrastructure ITO
PO Box 2759
Wellington 6140

Telephone 04 499 9144
Fax 04 499 9145
Email askus@infratrain.co.nz
Website <http://www.infrastructureito.org.nz/>

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 December 2008.

Other standard setting bodies whose standards are included in the qualification

Fire and Rescue Services Industry Training Organisation
NZ Road Transport and Logistics Industry Training Organisation
NZQA
Power Crane Association Industry Training Organisation

Certification

The certificate will display the logos of the Qualifications Authority and Infrastructure ITO

Classification

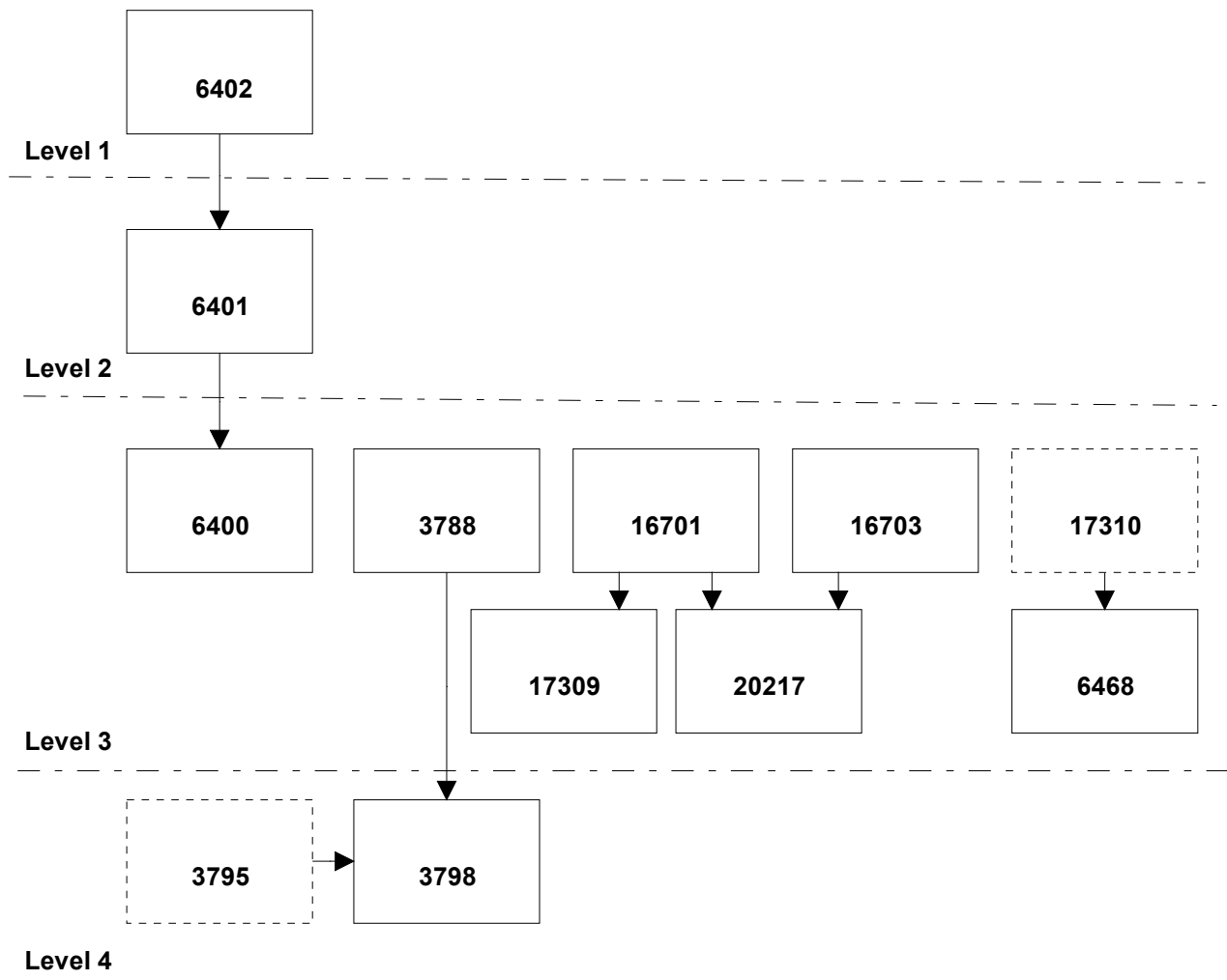
This qualification is classified according to the NQF classification system and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

NQF Classification		NZSCED	
Code	Description	Code	Description
307	Engineering and Technology/Civil Works and Services	030999	Engineering and Related Technologies/Civil Engineering/Civil 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:**

 Standards not in qualification