

National Certificate in Hot Dip Galvanizing (Introductory Skills) (Level 2)

Level 2

Credits 55

Purpose

The National Certificate in Hot Dip Galvanizing (Introductory Skills) (Level 2) [Ref: 1174] is designed for people entering the hot dip galvanizing industry.

Holders of this certificate are able to: demonstrate knowledge of the hot dip galvanizing process, venting and draining for hot dip galvanizing, the chemicals used in hot dip galvanizing, safety and emergency procedures, and first aid; and can prepare and jig metal components to be galvanized, operate an overhead crane to lift and place regular loads, inspect and fettle metal components, exhibit safe working practices, use hand and power tools, and communicate in the workplace.

Elective 1 allows people to select from supplementary standards relating to spill incidents, environmental effects and methods of mitigation, inwards goods, and/or powered industrial lift trucks.

Elective 2 provides opportunities for employers and employees to select standards from other areas of the National Qualifications Framework that meet the specific requirements of the enterprise.

This qualification may follow the National Certificate in Occupational Health and Safety (Workplace Safety) (Level 1) [Ref: 1111], and lead on to the National Certificate in Hot Dip Galvanizing (Operations) (Level 3) [Ref: 1175] and/or the National Certificate in National Certificate in Manufacturing (Metal and Related Products) (Level 2) [Ref: Q1386].

Credit Range

	Compulsory	Elective 1	Elective 2
Level 1 credits	1	-	0-5
Level 2 credits	38	0-2	0-5
Level 3 or above credits	5	4-6	0-5
Minimum totals	44	6	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 1 – A minimum of 6 credits as specified
- Elective 2 – A minimum of 5 credits as specified

Detailed Requirements

Compulsory

The following standards are required

Engineering and Technology > Hot Dip Galvanizing > Hot Dip Galvanizing Operations

ID	Title	Level	Credit
21163	Demonstrate basic knowledge of the hot dip galvanizing process	2	1
21164	Jig metal components for hot dip galvanizing	2	3
21166	Inspect and fettle metal components after hot dip galvanizing	2	5

Engineering and Technology > Hot Dip Galvanizing > Hot Dip Galvanizing Safety

ID	Title	Level	Credit
21165	Demonstrate basic knowledge of chemicals used at a hot dip galvanizing facility	2	2
25130	Describe hazards, safety and emergency procedures, and exhibit safe working practices at a hot dip galvanizing facility	2	4
25133	Demonstrate knowledge of venting and draining for hot dip galvanizing	3	3

Engineering and Technology > Mechanical Engineering > Engineering Core Skills

ID	Title	Level	Credit
2395	Select, use and care for, engineering hand tools	2	4

ID	Title	Level	Credit
2396	Select, use and maintain portable hand held engineering power tools	2	4

Health > Health Studies > 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

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

ID	Title	Level	Credit
17593	Apply safe work practices in the workplace	2	4

Service Sector > Cranes > Crane Operation

ID	Title	Level	Credit
3800	Operate a pendant controlled overhead crane and lift and place regular loads	2	10

Elective 1

A minimum of 6 credits

Engineering and Technology > Hot Dip Galvanizing > Hot Dip Galvanizing Safety

ID	Title	Level	Credit
25131	Describe potential environmental effects and methods of mitigation at a hot dip galvanizing facility	2	2
25134	Respond to an accidental emission or spill incident at a hot dip galvanizing facility	3	4

Manufacturing > Supply Chain Management > Materials Management

ID	Title	Level	Credit
17243	Process inwards goods and/or materials at a manufacturing or industrial site	3	6

Service Sector > Driving > Driver Licence Endorsements

ID	Title	Level	Credit
18496	Demonstrate knowledge and skills for driving a forklift on a road for endorsement F (forklifts)	3	2

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

Elective 2

A minimum of 5 credits

From anywhere on the NQF

Transition Arrangements

Version 2

Version 2 was issued following review of the Hot Dip Galvanizing standards, which included the development of new standards.

Changes to structure and content

- total credits increased from 49 to 55
- standards 25130 and 25133 has been added to the compulsory section
- standards 25131 and 25134 have been added to the elective section
- standard 9707 has been removed from the compulsory section
- standard 6400 has been moved from the elective section to the compulsory section
- the credits for standard 21164 decreased from six to three
- elective 2 has been added.

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

People currently working towards version 1 of this qualification may either complete the requirements for that version or transfer their results to this version of the qualification.

It is the intention of the EXITO that no existing candidate is disadvantaged by these arrangements. Any person who considers they have been disadvantaged is requested to contact the EXITO at the address below.

NQF Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	June 2005	December 2011
Review	2	June 2009	N/A

Standard Setting Body

NZ Extractive Industries Training Organisation
PO Box 2623
Christchurch 8140

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	2014
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Other standard setting bodies whose standards are included in the qualification

Competenz
 ElectroTechnology Industry Training Organisation
 New Zealand Industry Training Organisation
 NZQA
 Opportunity - The Training Organisation
 Tranzqual ITO

Certification

This 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
420	Engineering and Technology > Hot Dip Galvanizing	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.