

Qualification details

Title	New Zealand Certificate in Hydrographic Surveying (Level 4)		
Version	1	Qualification type	Certificate
Level	4	Credits	65
NZSCED	031101 Engineering and Related Technologies>Geomatic Engineering>Surveying		
Qualification developer	Infrastructure ITO		
Next review	31 December 2020		
Approval date	19 November 2015		
Strategic purpose statement	<p>The purpose of this qualification is to provide the hydrographic surveying profession with people who are able to apply practical surveying, communications and mathematical skills for hydrographic surveying under the supervision of a hydrographer.</p> <p>This is an entry level qualification designed for people commencing their career in the hydrographic surveying profession. They may be new to the profession, from school or another industry, or they may be working in the profession without a qualification.</p>		
Outcome Statement	Graduate profile	<p>Graduates will be able to:</p> <ul style="list-style-type: none"> - Apply tidal, depth measurement, positioning, and oceanography theories to hydrographic surveying contexts - Work safely in the marine work environment - Undertake and process survey measurement in the marine environment - Apply effective communication for hydrographic surveying. 	
	Education pathway	<p>This certificate may lead on to further qualifications within the hydrographic profession such as the International Hydrographic Organisation's Category 'B' Hydrographic Surveying qualification.</p> <p>Graduates of this qualification may wish to attain a Maritime New Zealand licence to gain additional seafarer skills and knowledge.</p>	
	Employment pathway	<p>Graduates are likely to be employed as hydrographic assistants in a range of work contexts such as inland waters and rivers, ports and oceans. Such work may be onshore or offshore.</p>	

Qualification specifications

Qualification award	<p>This qualification can be awarded by any organisation with an approved programme or accredited to deliver a programme leading to the qualification.</p> <p>The award certificate will display the logos of the NZQF; and the Infrastructure ITO, or the programme owner, or the accredited provider.</p>
Evidence requirements for assuring consistency	<p>Evidence of consistency of graduate outcomes may include:</p> <ul style="list-style-type: none"> - internal and external moderation results relating to the assessment of graduate outcomes - feedback and actions taken in response to feedback - programme completion data and results - any other relevant evidence.
Minimum standard of achievement and standards for grade endorsements	Achieved.
Other requirements for the qualification (including regulatory body or legislative requirements)	<p>A good level of oral, written and inter-personal communications, survey measurement and software operation skills are required to complete this qualification and to do a hydrographic surveying job effectively.</p> <p>A minimum of NCEA Level 1 Mathematics and English, or equivalent.</p>

General conditions for the programme leading to the qualification

General conditions for programme	<p>Maritime New Zealand standards when working on vessels, the Health and Safety in Employment Act 1992, and the Health and Safety in Employment Regulations 1995 apply across all outcomes of this qualification.</p> <p>Tertiary Education organisations (TEOs) offering programmes leading to this qualification must maintain currency with amendments to, and replacements of, relevant legislation, regulations, rules, and Australia/New Zealand standards.</p> <p>It is recommended that programme developers refer to the more detailed condition guidelines related to this qualification.</p> <p>For a copy of the guidelines document contact the qualification developer at: qualifications@connexis.org.nz.</p>
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Conditions relating to the Graduate profile

Qualification outcomes		Conditions
1	Apply tidal, depth measurement, positioning, and oceanography to hydrographic surveying contexts. Credits 21	
2	Work safely in the marine work environment. Credits 8	
3	Undertake and process survey measurement in the marine environment. Credits 30	
4	Apply effective communication for hydrographic surveying. Credits 6	

Transition information

Replacement information	National Diploma in Surveying (Hydrographic Surveying) (Level 4) [Ref: 1444]
<p>People currently working towards the replaced qualification may either complete the requirements for that qualification by 31 December 2019 or transfer to this qualification. The last date for entry into programmes leading to the replaced qualification is 31 December 2016.</p> <p>It is the intention of Infrastructure ITO that no existing trainee should be disadvantaged by these transition arrangements. Any person who considers they have been disadvantaged may appeal to the qualification developer - Infrastructure ITO (Connexis) at qualifications@connexis.org.nz, or 04 499 9144.</p>	