

FIELD ENGINEERING AND TECHNOLOGY

Review of *Infrastructure Civil Engineering* qualifications

National Certificate in Infrastructure Civil Engineering (Laboratory Technician) (Level 4) with strands in Aggregate, Soil, Bitumen, Concrete, Asphalt, and Field Investigation [Ref: 1643]

National Certificate in Infrastructure Civil Engineering (Senior Laboratory Technician) (Level 5) with strands in Aggregate, Soil, Bitumen, Concrete, Asphalt, and Field Investigation [Ref: 1644]

Infrastructure ITO has completed the mandatory review of the qualifications listed above.

Replacement qualifications

New Zealand Certificate in Civil Engineering Laboratory (Level 4) with strands in Aggregate, Asphalt, Bitumen, Concrete, Field Investigations, and Soil [Ref: 2692]

New Zealand Certificate in Civil Engineering Laboratory (Level 5) with strands in Aggregate, Asphalt, Bitumen, Concrete, Field Investigations, and Soil [Ref: 2693]

Date new versions published

July 2015

The next qualification review is planned to take place December 2020.

Summary of review and consultation process

The review of the above qualifications formed part of the wider Infrastructure Works Targeted Review of Qualifications which was triggered in April 2012, and completed in February 2015.

The review process included an initial consultation meeting and further working group meetings with mandatory stakeholders including providers and key industry representatives spanning a range of subsectors within infrastructure works.

An industry learning needs analysis was developed, including a qualification framework with more clearly defined pathways for the infrastructure works industry.

The review process confirmed that, although, on the whole, current national qualifications for the infrastructure works industry were somewhat meeting the needs of industry, there was a need to provide clear career pathways from entry to management, from one part of the industry to another, and within sectors. The review also reflected on the levels of responsibility of each role and how these are denoted in the levels of the qualifications.

To ensure flexibility to allow the qualifications to be achieved through a range of contexts and learning pathways, mandatory and optional conditions have been defined without the inclusion of specific unit standards, allowing programme developers to determine appropriate methods of delivery and assessment.

Main changes resulting from the review

National Certificate in Infrastructure Civil Engineering (Laboratory Technician) (Level 4) with strands in Aggregate, Soil, Bitumen, Concrete, Asphalt, and Field Investigation [Ref: 1643]

replaced by

New Zealand Certificate in Civil Engineering Laboratory (Level 4) with strands in Aggregate, Asphalt, Bitumen, Concrete, Field Investigations, and Soil [Ref: 2692]

Review category	C	See Key to Qualification Review Categories at the end of report
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National Certificate in Infrastructure Civil Engineering (Senior Laboratory Technician) (Level 5) with strands in Aggregate, Soil, Bitumen, Concrete, Asphalt, and Field Investigation [Ref: 1644]

replaced by

New Zealand Certificate in Civil Engineering Laboratory (Level 5) with strands in Aggregate, Asphalt, Bitumen, Concrete, Field Investigations, and Soil [Ref: 2693]

Review category	C	See Key to Qualification Review Categories at the end of report
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People currently working towards achievement of the replaced qualifications may either complete the requirements for those qualifications or transfer their results to the replacement qualification. For assistance please contact the Infrastructure ITO at the contact details given below.

The last date for entry into training programmes for the replaced qualifications is 31 December 2016.

The last date of assessment for the replaced qualifications is December 2018.

Any person who feels disadvantaged by these transition arrangements should contact Infrastructure ITO at the address below.

Infrastructure ITO
PO Box 2759
Wellington 6140

Telephone 0800 486 626

Email qualifications@connexis.org.nz

Website <http://connexis.org.nz/>

Key to Qualification Review Categories

Category A The qualification is published as a new version with the same NQF ID	Changes are made to SSB name, contact details or purpose statement
	No change is made to title, rules or components of the qualification
	No transition arrangements are required
Category B The qualification is published as a new version with the same NZQF ID	Changes are made to title, rules or components
	The new version of the qualification recognises a similar skill set to that recognised by the previous version
	The SSB is confident that people awarded the new or previous version are comparable in terms of competence
	Transition arrangements are required if candidates must gain additional/different credits for the new version
Category C A new (replacement) qualification is published with new NZQF ID	Significant changes are made to the qualification in terms of components, structure, type or level
	The SSB views people with the replacement qualification as being significantly different in terms of competence from those with the replaced qualification
	Transition arrangements are required
	Transition may be limited to phase-out dates
Category D Qualification will expire. There is no replacement qualification	Qualification is no longer required by industry
	The qualification is designated as expiring and a last date for meeting the qualification requirements is set