

FIELD ENGINEERING AND TECHNOLOGY**Review of *Infrastructure Works* qualifications****National Certificate in Infrastructure Works (Contract Management) (Level 5)****[Ref: 1653]****National Certificate in Infrastructure Works Supervision with optional strands in Asphalt Surfacing, Chipseal Surfacing, Civil Works and Utilities, Road Works, Water, and Wastewater [Ref: 1658]****National Certificate in Infrastructure Works Supervision (Level 5) with optional strands in Civil Plant Management, Civil Works, Pavement Surfacing, Roadmarking, Road Works, and Rural Contracting [Ref 1659]**

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

Replacement qualifications

New Zealand Certificate in Infrastructure Works (Site Supervision) [Ref: 2617]

New Zealand Certificate in Infrastructure Works (Contract Management) [Ref: 2618]

New Zealand Certificate in Infrastructure Works (Projects) [Ref: 2619]

Date new versions published**February 2015**

The next qualification review is planned to take place during 2019.

Summary of review and consultation process

The review of the above qualifications formed part of the wider Infrastructure Works mandatory 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.

On the whole the replaced qualifications are significantly different in design and content to the replacement qualifications, with the exception of the New Zealand Certificate in Infrastructure Works (Contract Management) [Ref: 2618], which has the same outcomes as the current National Certificate in Infrastructure Works (Contract Management) Level 5 [Ref. 1653].

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

Three new qualifications were published at Levels 4 and 5 to replace existing qualifications at Levels 4 and 5.

National Certificate in Infrastructure Works (Contract Management) (Level 5) [Ref. 1653]
replaced by

New Zealand Certificate in Infrastructure Works (Contract Management) (Level 5)
[Ref: 2618]

Review category	C	See Error! Reference source not found. at the end of report
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Transition

The last date for entry into training programmes for the National Certificate in Infrastructure Works (Contract Management) (Level 5) [Ref. 1653] is 31 December 2015. The last date of assessment for the replaced qualification is December 2017.

National Certificate in Infrastructure Works Supervision with optional strands in Asphalt Surfacing, Chipseal Surfacing, Civil Works and Utilities, Road Works, Water, and Wastewater [Ref: 1658]

replaced by

New Zealand Certificate in Infrastructure Works (Site Supervision) (Level 4)
[Ref: 2617]

Review category	C	See Error! Reference source not found. at the end of report
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Transition

The last date for entry into training programmes for the National Certificate in Infrastructure Works Supervision with optional strands in Asphalt Surfacing, Chipseal Surfacing, Civil Works and Utilities, Road Works, Water, and Wastewater [Ref: 1658] is 31 December 2016. The last date of assessment for the replaced qualifications is December 2018.

The *Asphalt Surfacing Optional Strand Elective* strand in Ref: 1658 includes standard 20447, *Demonstrate knowledge of the care and operation of an asphalt paving machine*. This standard will expire in December 2016 and will not be replaced. Candidates who wish to gain this standard must complete assessment against the standard before its expiry. However, candidates may also complete this elective section after December 2016 by selecting other standards to meet the requirements.

National Certificate in Infrastructure Works Supervision (Level 5) with optional strands in Civil Plant Management, Civil Works, Pavement Surfacing, Roadmarking, Road Works, and Rural Contracting [Ref 1659]

replaced by

New Zealand Certificate in Infrastructure Works (Projects) (Level 5) [Ref: 2619]

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Transition

The last date for entry into training programmes or courses leading to the National Certificate in Infrastructure Works Supervision (Level 5) with optional strands in Civil Plant Management, Civil Works, Pavement Surfacing, Roadmarking, Road Works, and Rural Contracting [Ref 1659] is 31 December 2016. The last date of assessment for the replaced qualification is December 2018.

The *Core Elective* in Ref: 1659 includes standard 23915, *Analyse environmental factors external to an organisation that may impact on a business and an individual's work role*. This standard will expire in December 2015. Candidates who wish to gain this standard must complete assessment against the standard before its expiry. However, candidates may also complete this elective section after December 2015 by selecting other standards to meet the requirements.

The Core Elective in Ref: 1659 also includes standards 9734, *Demonstrate knowledge of workplace team leadership and teamworking*, and 18864, *Apply sustainable environmental management practices as a workplace supervisor*, and 18051, *Test roadmarkings*. These standards have expired. Candidates who have already been awarded these standards may use them to meet the requirements of the elective, but no further assessments can be undertaken against them.

People working towards achievement of Ref: 1658 or Ref: 1659 may complete the requirements for those qualifications or transfer their results to the replacement qualifications. However, there are substantial differences between the new and replaced qualifications, and it is recommended that candidates complete the qualification in which they are enrolled. For assistance please contact the Infrastructure ITO at the contact details given below.

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 NQF 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 NQF 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