

FIELD Engineering and Technology

***Review of Infrastructure Works, Civil Infrastructure Trades, Civil Works, Pipe Installations, and Utilities Maintenance* qualifications**

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

New Zealand Certificate in Infrastructure Works Plant and Equipment Operation (Level 3) with an optional strand in Specialist Plant [Ref: 2521]

New Zealand Certificate in Infrastructure Works (Level 3) [Ref: 2523]

New Zealand Certificate in Civil Works (Level 4) with strands in Earthworks, Road Construction, Concrete (non-structural), and Road Maintenance [Ref: 2688]

New Zealand Certificate in Pipe Installations (Level 4) with strands in Trenched, and Trenchless [Ref: 2694]

New Zealand Certificate in Utilities Maintenance (Level 4) with strands in Water, and Wastewater and Stormwater [Ref: 2695]

New Zealand Certificate in Civil Infrastructure Trades (Civil Works) (Level 4) with strands in Earthworks, Road Construction, Concrete Works (non-structural), and Road Maintenance [Ref: 2725]

New Zealand Certificate in Civil Infrastructure Trades (Pipe Installations) (Level 4) with strands in Trenched and Trenchless [Ref: 2965]

New Zealand Certificate in Civil Infrastructure Trades (Utilities Maintenance) (Level 4) with strands in Water, and Stormwater and Wastewater [Ref: 2967]

The Infrastructure ITO (Connexis) has completed the review of the qualifications listed above.

Replacement qualifications

New Zealand Certificate in Infrastructure Works (Level 3) with optional strand in Plant Operation [Ref: 3856]

New Zealand Certificate in Infrastructure Works (Pipeline Construction and Maintenance) (Level 4) with strands in Drinking-Water, Wastewater and Stormwater, and Trenchless Technologies [Ref: 3858]

Date replacement qualifications listed

August 2018

The next qualification review is planned to take place during 2023.

Summary of review and consultation process

Industry requested a review of Infrastructure Industry Training Organisation (Connexis) Civil Trade qualifications because the career pathway and structure of the suite was confusing with significant overlap between skills, and uptake had been limited. The relationships between the Civil Trades qualifications and the New Zealand Certificate qualifications in the same fields meant that all qualifications in the Infrastructure Works career pathway needed reviewing to ensure a cohesive suite was developed.

Connexis commenced an early review with industry stakeholders in June 2017. Meetings were held in Auckland, Wellington, and Christchurch between June 2017 and February 2018 to review the qualification outcomes and develop a suite of qualifications relevant for industry in the context of a coherent career pathways for the Infrastructure Works sector.

Main changes resulting from the review

New Zealand Certificate in Infrastructure Works (Site Supervision) (Level 4) [Ref: 2617-1]
New Zealand Certificate in Infrastructure Works (Single Site Supervision) (Level 4)
 [Ref: 2617-2]

Review category	B	See Key to Qualification Review Categories at the end of report
-----------------	----------	---

Changes included:

- Title changed to amend the qualifier
- Credits increased to 110
- Strategic purpose statement and graduate profile outcomes updated to reflect that a graduate is competent for single site works
- Education and employment pathways updated to reflect relevant industry sectors and qualifications
- Qualification specifications updated to reflect current requirements
- Specific conditions relating to the graduate profile removed.

Transition

There are no approved programmes leading to Version 1 of this New Zealand Certificate and no candidates working towards Version 1. All new candidates are expected to enrol in Version 2 of this qualification from date of publication.

New Zealand Certificate in Infrastructure Works Plant and Equipment Operation (Level 3) with an optional strand in Specialist Plant [Ref: 2521]; and
New Zealand Certificate in Infrastructure Works (Level 3) [Ref: 2523]
replaced by
 New Zealand Certificate in Infrastructure Works (Level 3) with optional strand in Plant Operation [Ref: 3856]

Review category	C	See Key to Qualification Review Categories at the end of report
-----------------	----------	---

Transition

The last date for enrolments into programmes leading to either of these replaced qualifications is 31 December 2019.

The last date for assessments to take place for the replaced qualifications is 31 December 2020.

People currently working towards the replaced qualifications may either complete the requirements for that qualification by 31 December 2020 or transfer to the replacement qualification.

New Zealand Certificate in Civil Works (Level 4) with strands in Earthworks, Road Construction, Concrete (non-structural), and Road Maintenance [Ref: 2688]

Review category	D	See Key to Qualification Review Categories at the end of report
-----------------	----------	---

This qualification will not be replaced.

Transition

The last date for enrolments into programmes leading to this replaced qualification is 31 December 2019.

The last date for assessments to take place for this qualification is 31 December 2020.

People currently working towards this qualification may complete the requirements for that qualification by that date, or transfer to the New Zealand Certificate in Infrastructure Works (Civil) (Level 4) with strands in Earthworks, Road Construction, and Road Maintenance [Ref: 2725].

New Zealand Certificate in Pipe Installations (Level 4) with strands in Trenched, and Trenchless [Ref: 2694];

New Zealand Certificate in Utilities Maintenance (Level 4) with strands in Water, and Wastewater and Stormwater [Ref: 2695];

New Zealand Certificate in Civil Infrastructure Trades (Pipe Installations) (Level 4) with strands in Trenched and Trenchless [Ref: 2965]; and

New Zealand Certificate in Civil Infrastructure Trades (Utilities Maintenance) (Level 4) with strands in Water, and Stormwater and Wastewater [Ref: 2967];

replaced by

New Zealand Certificate in Infrastructure Works (Pipeline Construction and Maintenance) (Level 4) with strands in Drinking-Water, Wastewater and Stormwater, and Trenchless Technologies [Ref: 3858]

Review category	C	See Key to Qualification Review Categories at the end of report
-----------------	----------	---

Transition

The last date for entry into programmes leading to the replaced qualifications is 31 December 2018.

The last date for assessments to take place for [Ref: 2694] or [Ref: 2695] is 31 December 2020.

The last date for assessments to take place for [Ref: 2965] or [Ref: 2967] is 31 December 2021.

People currently working towards these replaced qualifications may either complete the requirements for that qualification by the last date for assessment or transfer to the replacement qualification.

New Zealand Certificate in Civil Infrastructure Trades (Civil Works) (Level 4) with strands in Earthworks, Road Construction, Concrete Works (non-structural), and Road Maintenance [Ref: 2725-1]

New Zealand Certificate in Infrastructure Works (Civil) (Level 4) with strands in Earthworks, Road Construction, and Road Maintenance [Ref: 2725-2]

Review category	B	See Key to Qualification Review Categories at the end of report
-----------------	----------	---

Changes included:

- Title changed
- Credits reduced to 135 as all strand credit totals made consistent
- Strand in Non-Structural Concrete removed, as concrete work is no longer considered a specialisation and is more appropriately addressed as part of the Road Construction and Road Maintenance strands
- Strategic purpose statement updated to recognise the Infrastructure Works career pathway and acknowledge the strands
- Qualification outcomes changed to reflect Infrastructure Works career pathway and Outcome 3 changed to coordination of plant, equipment and materials rather than use of plant and equipment

- Education and employment pathways updated to reflect relevant industry sectors and qualifications
- Qualification specifications updated to reflect current requirements
- Specific conditions relating to the graduate profile removed.

Transition

The last date for assessment for Version 1 of the New Zealand Certificate in Civil Infrastructure Trades (Civil Works) (Level 4) with strands in Earthworks, Road Construction, Concrete Works (non-structural), and Road Maintenance [Ref:2725] is 31 December 2020.

People currently working towards Version 1 of this qualification may either complete the requirements for that version of the qualification by that date or transfer to Version 2.

It is anticipated that no existing candidates will be disadvantaged by these transition arrangements. However, anyone who feels that they have been disadvantaged may appeal to Connexis at the address below. Appeals will be considered on a case-by-case basis.

Infrastructure ITO (Connexis)
PO Box 2759
Wellington 6140

Telephone 0800 486 626
Email qualifications@connexis.org.nz
Website www.connexis.org.nz

Key to Qualification Review Categories

Category A The qualification is published as a new version with the same NZQF 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
Category C A new (replacement) qualification is published with new NZQF ID	Transition arrangements are required if candidates must gain additional/different credits for the new version
	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
Category D Qualification will expire. There is no replacement qualification	Transition may be limited to phase-out dates
	Qualification is no longer required by industry