

FIELD: *Engineering and Technology*

Change report for the review of Bitumen Product Manufacturing New Zealand Qualifications

Reviewed qualifications

[Ref]	Version	Qualification title	Level	Credits
2687	1	New Zealand Certificate in Bituminous Product Manufacturing (Level 4) with strands in Binder Manufacturing Operation, Bituminous Mixes Operation, and Bitumen Spraying Operation.	4	86
2960	1	New Zealand Certificate in Civil Infrastructure Trades (Bituminous Product Manufacturing) (Level 4) with strands in Binder Manufacturing Operation, Bituminous Mixing Operation, and Bitumen Spraying Operation.	4	170

Review information

Qualification Developer	Connexis Infrastructure ITO
Reason for the review	Scheduled five year review
Review date	December 2019
Outcome date	February 2020
Next review date	December 2024

Summary of review and consultation process

Employers, graduates, and trainees were consulted and surveyed through the Connexis website. Civil Contractors New Zealand Asphalt committee were consulted as the industry technical experts. These responses, achievement data, and an industry overview were considered at a meeting of industry representatives and recommendations informed the qualification review.

Industry consultation was conducted using email, a questionnaire on the Connexis website, and the Infrastructure ENews.

The Reference Group of industry technical advisers, including representatives from Civil Contractors New Zealand (CCNZ), considered the responses and a consultation feedback summary report was published on the Connexis website.

Main changes resulting from the review

The existing qualifications were discontinued as they are no longer fit for purpose.

A new replacement qualification was developed to reflect the skills and knowledge required for graduates working in both bitumen or asphalt production manufacturing contexts.

The title, credits, strategic purpose statement, and graduate profile outcomes were developed to reflect current

industry practice for bitumen and asphalt product manufacturing contexts.

Review outcome

Reference	Version	Reviewed qualification	Outcome category	New qualification details/version (if applicable)
4191	1	New Zealand Certificate in Civil Infrastructure Bituminous Product Manufacturing (Level 4)	<i>C-New replacement qualification</i>	4191
2687	1	New Zealand Certificate in Bituminous Product Manufacturing (Level 4) with strands in Binder Manufacturing Operation, Bituminous Mixes Operation, and Bitumen Spraying Operation	<i>D-Qualification will expire with no replacement</i>	2687-2
2960	1	New Zealand Certificate in Civil Infrastructure Trades (Bituminous Product Manufacturing) (Level 4) with strands in Binder Manufacturing Operation, Bituminous Mixing Operation, and Bitumen Spraying Operation	<i>D-Qualification will expire with no replacement</i>	2960-2

Qualification review outcome categories

Outcome	Result	Category
No changes are identified to the qualification	Qualification version number and NZQF ID remain the same. New review date is required.	A
Minor changes are identified to the qualification	New version of qualification is required (NZQF ID remains the same). New review date is required.	B
Significant changes are required to the qualification	New replacement qualification is required with a new NZQF ID. The existing qualification will expire.	C
The qualification is no longer required by industry	The qualification will expire with no replacement.	D

Transition information

Reference	Version	Qualification title	Last date of entry*	Last date of assessment
2687	1	New Zealand Certificate in Bituminous Product Manufacturing (Level 4) with strands in Binder Manufacturing Operation, Bituminous Mixes Operation, and Bitumen Spraying Operation	31/07/2020	31/12/2021
2960	1	New Zealand Certificate in Civil Infrastructure Trades (Bituminous Product Manufacturing) (Level 4) with strands in Binder Manufacturing Operation, Bituminous Mixing Operation, and Bitumen Spraying Operation	31/7/2020	31/12/2021

*only required for outcome category C or D

