

Field Planning and Construction

Review of Concrete Production unit standards

Subfield	Domain	ID
Concrete	Concrete Production	12012, 12014, 26220

The BCITO has completed the review of the unit standards listed above.

Date new versions published

June 2021

Planned review date

December 2026

Summary

Following the Targeted Review of Qualifications, the National Certificate in Concrete Production (Level 3) [Ref: 0713] was replaced by the New Zealand Certificate in Concrete Production (Level 4) [Ref: 2738]. New level 4 unit standards were developed to meet the requirements of the new qualification's graduate outcomes. Three existing units relevant to concrete production were reviewed and considered not fit for purpose. In consultation with industry these units were designated expiring. The unit standard not considered in this review will be considered in a future review.

Consultation was carried out with industry in May 2020 where industry stakeholders were given the chance to provide feedback on standards.

Main Changes

- Three unit standards were designated expiring since they are no longer required by industry.
- Thirteen new unit standards were developed to meet outcomes for the new level 4 qualification.

Category D units will expire at the end of December 2023

Detailed list of unit standards – classification, title, level, and credits

Key to review category	
A	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
B	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number
C	Major changes that necessitate the registration of a replacement standard with a new ID
D	Standard will expire and not be replaced

Planning and Construction > Concrete > Concrete Production

ID	Title	Level	Credit	Review Category
12012	Maintain concrete batching equipment and machinery	2	5	D
12014	Coordinate receipt, batching and delivery of orders for concrete	3	8	D
26220	Demonstrate knowledge of concrete equipment and produce ready mixed concrete	3	18	D
32431	Demonstrate knowledge of plant and equipment used in a concrete production plant	4	4	New

ID	Title	Level	Credit	Review Category
32432	Demonstrate knowledge of the legislative framework for concrete production plant operations	4	5	New
32433	Demonstrate knowledge of the job documentation and workplace procedures required in a concrete production plant	3	3	New
32434	Demonstrate knowledge of concrete science relevant to a concrete production plant	4	5	New
32435	Plan and coordinate a daily programme of work for concrete production plant operations	4	3	New
32436	Perform concrete batching in a concrete production plant	4	35	New
32437	Calibrate batching equipment in a concrete production plant	4	10	New
32438	Perform fresh and hardened concrete testing	4	35	New
32439	Perform tensile concrete testing in a concrete production plant	4	30	New
32440	Dispatch concrete from a concrete production plant	4	30	New
32441	Maintain professional standards and demonstrate leadership as a concrete production trade professional	4	20	New
32759	Demonstrate knowledge of concrete batching in a concrete production plant	4	15	New
32760	Demonstrate knowledge of fresh and hardened concrete testing	4	15	New