

Field Engineering and Technology

Review of *Engineering and Infrastructure Civil Engineering* unit standards

Subfield	Domain	ID
Engineering	Generic Engineering	11405, 27472, 27476
Infrastructure Civil Engineering	Generic Infrastructure Civil Engineering	27473-27475

Connexis has completed the review of the unit standards listed above.

Date new versions published **December 2019**

Planned review date **December 2024**

Summary

This review was prompted by the publication of version 2 of the New Zealand Diploma in Engineering Practice (Level 6) with strands in Civil Engineering, Electrical Engineering and Mechanical Engineering [Ref: 1714].

Standards were reviewed to ensure alignment with version 2 of the qualification. Stakeholders were consulted during September 2019 and endorsed the changes.

Main changes

- References to qualifications were removed to allow the use of standards in other programmes.
- Guidance information was updated to reflect the new name of the professional body and align definitions with version 2 of the qualification.
- The title of unit standard 27473 was changed to align with the revised graduate profile outcome of version 2 of the qualification.
- Unit standard 11405 was designated expiring without replacement as it is listed in the National Diploma in Surveying (Level 6) [Ref: 0453] which is expiring in December 2020 but is not included in any Connexis programmes.

The Category D unit standard will expire at the end of December 2021

The last date for assessment of superseded versions of Category B unit standards is December 2021

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

Engineering and Technology > Engineering > Generic Engineering

ID	Title	Level	Credit	Review Category
11405	Prepare estimates of engineering project costings	5	6	D

ID	Title	Level	Credit	Review Category
27472	Demonstrate professional and ethical behaviour as an engineering technician Demonstrate and apply professional and ethical behaviour as an engineering technician	6	15	B
27476	Demonstrate and apply competence as an engineering technician	6	60	B

Engineering and Technology > Infrastructure Civil Engineering > Generic Infrastructure Civil Engineering

ID	Title	Level	Credit	Review Category
27473	Identify and analyse well-defined civil engineering problems Define, investigate and analyse well-defined civil engineering problems	6	15	B
27474	Develop, implement, and evaluate solutions for well-defined civil engineering problems	6	15	B
27475	Apply risk management to well-defined civil engineering problems	6	15	B