

Field ENGINEERING AND TECHNOLOGY**Review of *Engineering and Technology* unit standards**

Subfield	Domain	ID
Electrical Engineering	Electrotechnology	27480-27482
Generic Engineering	Engineering	27472, 27476
Infrastructure Civil Engineering	Generic Infrastructure Civil Engineering	27473-27475
Mechanical Engineering	Applied Principles of Mechanical Engineering	27477-27479

The Infrastructure ITO (standards 27472-27476), Competenz (standards 27477-27479), and The Skills Organisation (standards 27480-27482) have completed the review of the unit standards listed above.

Date new versions published

June 2016

Planned review date

December 2019

Summary

The unit standards were reviewed for the review of the New Zealand Diploma in Engineering Practice with strands in Civil Engineering, Electrical Engineering, and Mechanical Engineering [Ref: 1714].

Main changes

- Legislation and names of professional bodies were updated in the Explanatory notes of all unit standards.
- Evidence requirements from the standards were clarified.
- The definition of well-defined electrical engineering problems was extended to included telecommunications, data communications, electronic or electricity supply problems.

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

All changes are in **bold**.

Engineering and Technology > Engineering > Generic Engineering

ID	Title	Level	Credit	Review Category
27472	Demonstrate 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	6	15	B

ID	Title	Level	Credit	Review Category
	problems			
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

Engineering and Technology > Mechanical Engineering > Applied Principles of Mechanical Engineering

ID	Title	Level	Credit	Review Category
27477	Develop, implement, and evaluate solutions for well-defined mechanical engineering problems	6	15	B
27478	Apply risk management to well-defined mechanical engineering problems	6	15	B
27479	Identify and analyse well-defined mechanical engineering problems	6	15	B

Engineering and Technology > Electrical Engineering > Electrotechnology

ID	Title	Level	Credit	Review Category
27480	Develop, implement, and evaluate solutions for well-defined electrical engineering problems	6	15	B
27481	Apply risk management to well-defined electrical engineering problems	6	15	B
27482	Identify and analyse well-defined electrical engineering problems	6	15	B