

Change report for the review of Engineering New Zealand Qualification

Reviewed qualification

[Ref]	Version	Qualification title	Level	Credits
2612	2	New Zealand Diploma in Engineering (Level 6) with strands in Civil Engineering, Electrical Engineering, Electronics Engineering, Mechanical Engineering and Fire Engineering	6	240

Review information

Qualification Developer	New Zealand Board for Engineering Diplomas
Reason for the review	Scheduled 5 yearly review
Review date	December 2019
Outcome date	August 2020
Next review date	August 2025

Summary of review and consultation process

National consultation started in July 2019 where information and statistics about the qualification and its outcomes were distributed to stakeholders (industry, providers, students, graduates). National meetings (Auckland, Hamilton, Wellington and Christchurch) were held in October to review the qualification and gain feedback.

The Quality Assurance Committee reviewed the feedback and have recommended minor changes to the qualification to the New Zealand Board for Engineering Diplomas.

Need and strategic purpose of the qualification were confirmed as still fit for purpose and required.

Document was circulated to stakeholders who endorsed the changes and the qualification.

Main changes resulting from the review

The required changes identified were:

- Update to name of professional body from IPENZ to Engineering New Zealand (ENZ)
- Update of changes to technical and professional role references and alignments (i.e. regulatory boards)
- Update to current legislation where referenced
- Revision of graduate profile outcome (GPO) 3.

Main changes include:

- Updating of IPENZ to ENZ as professional body

- Updating of references to international competencies and registration board names
- Revision of GPO 3:

Apply the principles of the Treaty of Waitangi, the Resource Management Act and Health & Safety in Employment Act while carrying out engineering activities.

During the consistency review, it was noted that this was difficult to evidence.

It assumes that all graduates will have an opportunity to “apply” the principles of these Acts, in their engineering activities. Whereas the scope of practice for a technician as outlined by the Dublin Accord (international Engineering Alliance, 2002) is such that graduates may not have an authentic opportunity for this due to the nature of their work.

It was concluded that it is more authentic that a technician working under an international scope of practice would need to be able to **identify** the relevant principles from legislative Acts that may have an impact on their work, when it is relevant to do so.

It was agreed to change this GPO to:

Carry out activities as an engineering technician while applying the principles of the Health and Safety at Work Act 2015, the Resource Management Act 1991 and the Treaty of Waitangi, as relevant.

Review outcome

Reference	Version	Reviewed qualification	Outcome category	New qualification details/version (if applicable)
2612	2	New Zealand Diploma in Engineering (Level 6) with strands in Civil Engineering, Electrical Engineering, Electronics Engineering, Mechanical Engineering and Fire Engineering	<i>B-New version of qualification</i>	3

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
2612	2	New Zealand Diploma in Engineering (Level 6) with strands in Civil Engineering, Electrical Engineering, Electronics Engineering, Mechanical Engineering and Fire Engineering	N/A	December 2022

**only required for outcome category C or D*

Any additional information

It is anticipated that no existing candidates will be disadvantaged by these transition arrangements.
Any person who considers they have been disadvantaged may appeal to the qualification developer.