



New Zealand Diploma in Engineering Practice (Level 6)

**PROFESSIONAL
RECOGNITION OF YOUR
KNOWLEDGE AND SKILLS**

Competenz
SKILLS FOR INDUSTRY



Overview

New Zealand Diploma in Engineering Practice (Level 6)

120 credits in 30 months

The New Zealand Diploma in Engineering Practice (NZDEP) is a workbased qualification assessed on-the-job, which gives engineering technicians professional credibility.

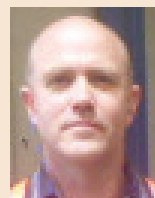
It tests the practical application of the engineering knowledge and skills that have already been achieved through a New Zealand Diploma in Engineering (NZDE) or other relevant diplomas.

Graduates can then apply to the Institution of Professional Engineers NZ (IPENZ) for registration as a Certified Engineering Technician (CertETn).

Gain the standard expected of a practising engineering technician.

There are five mandatory unit standards to be achieved by demonstrating a range of on-the-job competencies covering:

- Professional and ethical behavior
- Practical competency as an engineering technician
- Identification and analysis of engineering problems
- Development, implementation and application of solutions for engineering problems
- Application of risk management



Kevin Ironside

New Zealand Diploma in Engineering Practice, Level 6 (NZDEP)

Kevin's not new to engineering. Having first qualified as a fitter turner, the 43 year old had built up significant experience over his years in the trade in project management, staffing, quoting and running jobs, and in managing engineering operations.

Kevin first heard about the NZDEP when he was finishing off his national diploma and was first in line to sign up to this internationally recognised qualification, and first to qualify.

'I was managing a machine shop at the time I was completing my qualification and travelled to Hamilton to study on Monday, worked Tuesday, up again 5am on Wednesday and back to Hamilton, working on Thursday and another 5am start on Friday to study from 8 until 12 and then back to Tauranga to work Friday afternoon.'

After the first semester Kevin's partner told him things had to change, so Kevin resigned from his job and took up study full time.

Kevin is pleased he put the effort into the course. 'I got a lot out of it. What surprised me about the course is that it was a lot broader than I expected. We covered a lot of ground on heat transfer and fluids, it wasn't just about stress in steels and materials. You really covered a lot of subject matter.'

Kevin believes the qualification has lent international credibility and authority to his skills.

'A lot of people can get through the theoretical side of a qualification without necessarily a strong grip on how and when to apply it. Out on a job they can be out of their depth. This qualification recognises my high level of theoretical knowledge and practical application. It sorts you out from the crowd.'



What if I don't have the NZDE or equivalent?

If you don't already have the NZDE or equivalent and you wish to study for it, there is a selection of accredited Polytechnics for you to choose from.

Contact your local Polytechnics directly for more information on completing the NZDE. This is generally a two-year full-time or four-year part-time course.

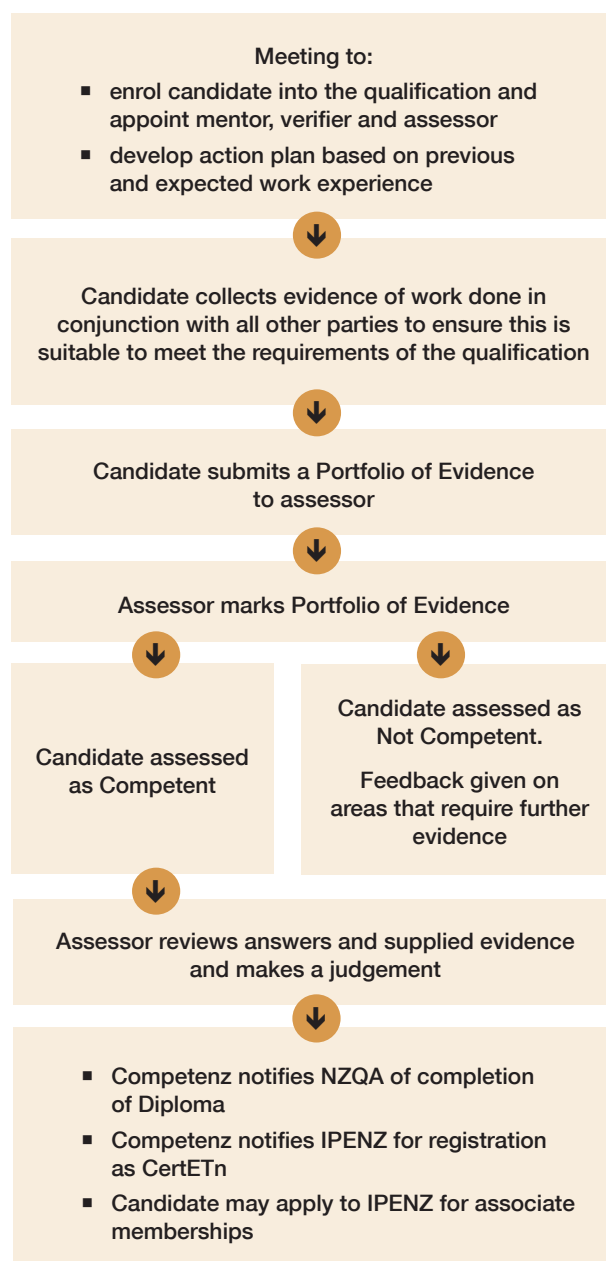
There is also a distance learning option available through the Open Polytechnic of New Zealand.

How is the NZDEP delivered to learners?

Training is undertaken in the workplace. A mentor and verifier are appointed at the start of the programme to help guide the candidate through the process of compiling a Portfolio of Evidence, to show the level and quality of work undertaken.

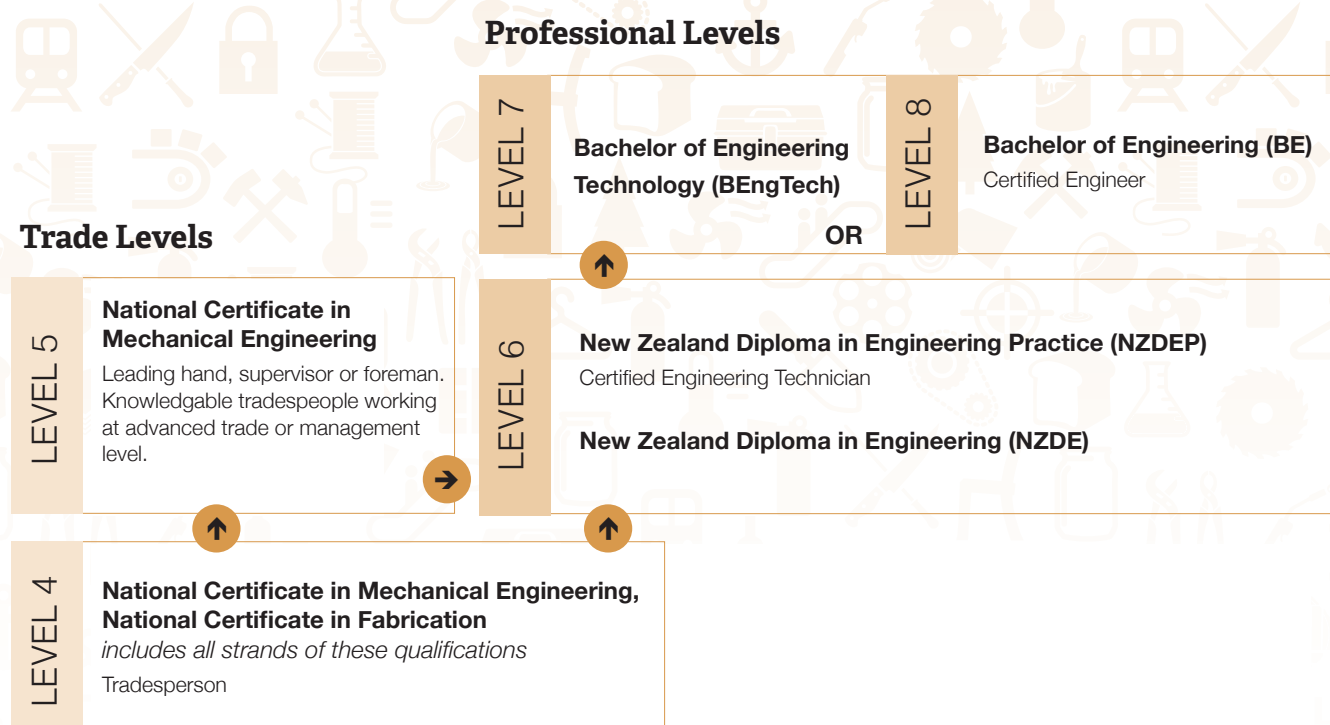
An experienced engineer is assigned to assess the portfolio and will work with the candidate to ensure the demands of the qualification are met.

What's the process?



Qualification Pathway

Candidates who already have or are currently studying for the mechanical strand of the New Zealand Diploma in Engineering (NZDE) can enrol to study for the NZDEP with Competenz. Some other qualifications can be accepted instead of the NZDE provided that they are approved by the New Zealand Board for Engineering Diplomas.



Institution of Professional Engineers New Zealand (IPENZ) Membership

Student Membership

Candidates enrolled in the NZDE and NZDEP are eligible for student membership.

- It is free
- It provides an introduction to IPENZ activities and services
- You can join online at www.ipenz.org.nz/ipenz/join

Associate Membership of IPENZ

Upon completion of the NZDEP the graduate may apply to IPENZ to become an Associate Member of the Institution.

Benefits of getting NZDEP

It offers practical knowledge and experience to further develop competence in engineering through on-the-job experience. The NZDEP will provide individuals with the ability to:

- work at the standard expected of a practicing engineering technician
- be registered as a CertETn with the IPENZ
- start your professional engineering career
- have the opportunity to do further studies, for example at university, if you wish.

Enrol now

Contact your current Competenz Account Manager or free phone our Customer Service Centre on **0800 526 1800**

Competenz is a multi-sector industry training organisation. We help kiwi industry grow skills, careers and businesses and make it easy to learn on-the-job.

www.competenz.org.nz

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