

# ENGINEERING ASSOCIATES REGISTRATION BOARD

*“Hiranga Tohu – To hold up and qualify excellence”*



## EQUIVALENT ACADEMIC QUALIFICATIONS ACCEPTED UNDER SECTION 11(1)(b) OF THE ENGINEERING ASSOCIATES ACT 1961

### Introduction

Section 11(1)(b) of the Engineering Associates Act 1961 states holders of either of two specific engineering qualifications are eligible to apply. Those qualifications are:

#### **New Zealand Certificate in Engineering (NZCE)**

##### **First Class Marine Engineer's Certificate**

Section 11(1)(b) of the EA Act also states that any “other certificates” can be accepted providing that, in the opinion of by the Board, they are equivalent, or higher, than NZCE.

#### **New Zealand Certificate in Engineering**

The New Zealand Certificate in Engineering (NZCE) was progressively disestablished from 2000 and has not been awarded since 2008, however, new applications for REA continue to be received from NZCE holders qualified prior to this date.

#### **New Zealand Diploma in Engineering**

The Board generally accepts the New Zealand Diploma in Engineering (NZDE) as being the current academic equivalent to NZCE noting that NZDE does not have a 3-year full-time work experience requirement.

#### **Accepted Equivalent Academic Qualifications**

The following lists the “other certificates” and qualifications that have been accepted by the Board. Some of the qualifications may no longer be available or have been superseded and in some instances the countries or institutions that issued them may no longer exist.

This list is published as a general guide only. The qualifications listed have typically been accepted for an individual application. They may not necessarily be accepted for another individual holding the same qualification because applications are assessed on a combination of academic qualifications and verified relevant engineering work experience.

If a qualification is listed but there is some doubt it is identical with the qualification held then check with the Registrar before proceeding.

Applicants holding an international qualification that is listed should include a specific reference to the relevant qualification in their application.

If an international qualification held is not listed applicants should include evidence from the New Zealand Qualifications Authority that the qualification has been assessed at Level 6, or higher, on the New Zealand Qualifications Framework.

Alternatively, the Board will accept evidence from Engineering NZ that the qualification has been accredited under one of the international accords (Sydney, Dublin, or Washington).

## **NEW ZEALAND QUALIFICATIONS**

Army Foreman of Signals Course.  
Associate Member Institute of Structural Engineers.  
Bachelor of Mineral Technology, University of Otago.  
Bachelor of Science (BSc) (depending upon subjects passed or discipline).  
Bachelor of Surveying (BSurv), University of Otago  
Diploma in Engineering (Civil)  
Bachelor of Engineering Technology (BEngTech)  
Bachelor of Engineering (BE)  
Bachelor of Engineering (Honours)  
NZ Diploma in Engineering (NZDE)  
NZ Diploma in Engineering Practice (NZDEP)  
Diploma in Highway Engineering — Western Institute of Technology at Taranaki (WITT)  
Mine Surveyors Certificate. (NZ or UK).  
National Diploma in Civil Engineering (Applied)  
National Diploma in Construction Management  
New Zealand Certificate in Building (NZCB)  
New Zealand Certificate in Draughting (NZCD)  
New Zealand Certificate in Geology (NZCG) - Registration in Soil Mechanics only.  
New Zealand Certificate in Science (NZCS) – (Physics - electronics options).  
New Zealand Certificate in Science (NZCS) - Water Treatment  
Grade A Certificate, Water Treatment  
Registered Surveyors Certificate.  
RNZAF Junior Signals Course Examination.

## **INTERNATIONAL QUALIFICATIONS**

### **AUSTRALIA**

Associate Diploma of Civil Engineering, Royal Melbourne Institute of Technology.  
Associate Diploma in Mechanical Engineering, Queensland Institute of Technology.  
BTech (Eng) Elect & Electronics, Uni of Southern QA.  
Certificate in Civil Engineering, Tasmania.  
Certificate of Civil Engineering, Queensland Institute of Technology.  
Certificate in Electrical Engineering, Hobart Technical College.  
Certificate in Engineering, NSW Department of Education.  
Certificate in Mechanical Engineering, NSW Department of Education  
Certificate in Naval Architecture, NSW Technical & Further Education.  
Design Office Technician in Civil Engineering, Queensland Institute of Technology.  
Diploma in Civil Engineering, Queensland Institute of Advanced Education.  
Diploma in Civil Engineering, Western Australia.  
Diploma in Engineering Surveying, Perth Technical College.  
Diploma in Telecom System Management, Swinburne Institute of Technology, Melbourne.  
Electronics & Communications Certificate, Dept of NSW Technical Education.  
Land & Engineering Survey Draughting Certificate, NSW Department of Education.  
National Diploma in Industrial Electronics (SA).

### **ARGENTINA**

Titulo de Ingeniero Mecanico (Degree in Mechanical Engineering)

### **BRAZIL**

Bacharel em Engenharia (Bachelor in Civil Engineering)

### **BANGLADESH**

Bachelor of Science (Naval Architecture and Marine Engineering)

### **CANADA**

Diploma of Technology in Civil & Structural Technology, Victoria, British Columbia.

### **CHILE**

Degree University Technician in Civil Construction, Universidad Tecnica Federico Santa Maria.

### **CHINA**

BE (Aeronautics & Astronautics), Beijing University of Aeronautics & Astronautics.

BE (Automatic Control) Beijing University.  
BE (Civil), Beijing Jiaotong University, Beijing.  
Diploma Electronic Automation, Zhong Biao University, Shanghai.

#### **CHINA (HONG KONG)**

Higher Certificate in Civil Engineering & Endorsement in Concrete Technology.  
Higher Certificate in Electrical Engineering.  
Higher Certificate in Mechanical Engineering. Higher Diploma in Electrical Engineering.

#### **CZECHIA (CZECH REPUBLIC)**

Certificate of Final Exam of the Higher Tech School (HTS) for Electro Technique, Bratislava.  
Matriculation Certificate after 4 years full time at the School of Electrical Engineering.  
Final Leaving Certificate, Secondary Industrial High School – Transport, Kosice  
Degree in Electrical Engineering in Technical Cybernetics, Polytechnic Institute, Brno

#### **EGYPT**

Bachelor of Civil Engineering, Cairo University  
Bachelor of Electrical Power and Machines Engineering, Cairo University

#### **FIJI**

Diploma in Civil Engineering, Fiji Inst of Technology, Suva  
Bachelor of Engineering Technology, University of the South Pacific, Suva

#### **GERMANY**

Diploma Engineering, Fachhochschule, Damstradt.  
Diploma Engineering, Fachhochschule, Hamburg.  
Diploma Engineering, Fachhochschule, Munich.  
Diploma Ingenieur (Electronics), Munich Technical College.  
Engineers Diploma, from Cologne Technical College.  
State Technician Certificate, Electrical & Electronic Engineering, Bochum Tech College, Bochum.

#### **INDIA**

B.E (24 Class), Bangalore University.  
B.E. (Civil) First Division, University of Kashmir, Sringar,  
B.E. (Civil) First Class, Shivaji University, Kolhapur, Maharashtra B Se, Civil Engineering, Ranchi University.  
BSc Electrical, Kurukshetra University.  
B Sc. Mechanical Engineering, Ranchi University.  
BTech. 1\* class Electronics & Instrumentation Eng Mahatma Gandhi Uni of Kerala.  
B Tech (Elect & Electronics Engineering), Jawaharlal Nehru Technological University, Hyderabad  
Diploma 1\* class Electronics & Instrumentation Engineering, Kerala State Board.  
Diploma in Mechanical Engineering, Bhailabhai & Bhikhabhi Polytechnic. Diploma in Mechanical Engineering, Punjab Bd of Tech Education, Chandigarh.  
Diploma in Mechanical Engineering, West Bengal State Council of Tech Ed, Calcutta.  
Bachelor of Technology (Information Technology), Jawaharlal Nehru Technological University, Hyderabad, Telangana.  
Bachelor of Technology (Electronics and Communication Engineering), University of Kerala, Kerala  
Bachelor of Engineering (Electronics & Communication Engineering)

#### **IRAQ**

BSc Civil Engineering (University of Technology Baghdad), BSc Electrical Engineering (University of Basrah).  
BSc Electrical Engineering (University of Technology Baghdad).  
B.Sc. in Mechanical Engineering (University of Mosul), combined with Engineering (University of Technology Baghdad)  
Diploma & Degree in Mechanical Engineering, Indian Navy.

#### **IRAN**

Higher Diploma in Machinery  
B.Sc Electrical Engineering, Iran University of Science & Technology, Tehran.

#### **ITALY**

Italian Diploma of Engineering, (Electrical).

**KOREA**

B.Sc. Electrical Engineering, Hanyang University, Seoul.

**MAURITIUS**

Diploma in Mech & Elect Engineering, University of Mauritius (combined with BTech Uni QA)

**MYANMAR (formerly BURMA)**

B.E. Degree, Institute of Technology, Rangoon.

**NEPAL**

Bachelor of Engineering (Electronics & Communication Engineering)\

**NETHERLANDS (HOLLAND)**

Diploma C or B as a Marine Engineer. H.T.S. (Higher Technical School) Diploma.

M.T.S. (Medium Technical School) Diploma Gas Engineering.

Bachelor of Science (Land, Water and Environmental Management), International Agricultural College, Larenstein, Velp.

**NIGERIA**

Bachelor of Engineering (Electrical and Electronics), University of Port Harcourt, Port Harcourt

**PAKISTAN**

Bachelor of Science (Computer Engineering), Sir Syed University of Engineering and Technology, Karachi

**PHILIPPINES**

Associate in Geodetic Engineering, St Louis University & University of Nth Philippines.

BSc Civil Engineering, Adamson University, Manila.

BSc Civil Engineering, University of Baguio, Baguio City.

BSc Civil Engineering, Feati University, Manila.

BSc Civil Engineering, National University of Manila.

BSc Civil Engineering, Luzonian University, Philippines.

BSc Civil Engineering, University of Mindanao, Davao City.

BSc Civil Engineering, University of San Jose-Recoletos, Cebu City.

BSc Civil Engineering, University of the Cordilleras, Baguio City

BSc Chemical Engineering, Xavier University, Cagayan de Oro

BSc Electrical Engineering, Adamson University Manila.

BSc (Electrical), Angeles City.

BSc Electrical Engineering, Central Luzon Polytechnic College, Cabanatuan City.

BSc Electrical Engineering, Feati University, Manila.

BSc Electrical Engineering, Mapua Inst of Technology, Manila.

BSc (Electrical) Technological Institute of the Philippines, Manila.

BSc (Electrical Engineering), Technological University of the Philippines

BSc (Civil Engineering), Technological University of the Philippines

BSc (Electrical) W Mindano State University.

BSc Electronics & Communications, Feati University, Manila

BSc Geodetic Engineering, Feati University, Manila.

BSc (Industrial Engineering), Adamson University Manila.

BSc (Mechanical), Holy Angel University, Angeles City.

BSc (Mechanical) Feati University, Manila c/w Cert of Prof in Agric Mechs.

BSc Mechanical Engineering, Mapua Inst of Technology, Manila.

BSc Electrical Engineering, Cagayan de Oro College, Cagayan de Oro City

BSc Chemical Engineering, Xavier University

BSc Civil Engineering, Far Eastern University, Manila

BSc (Civil Engineering), Polytechnic University of the Philippines, Manila

Bachelor of Science (Electrical Engineering), Technological University of the Philippines, Manila,

Bachelor of Science (Electronics and Communications Engineering), AMA Computer College, Quezon City

**POLAND**

Certificate in Mechanical Engineering, State Technical College, Bielska.

Diploma in Civil Engineering & Construction, Cracow Technical School of Construction.

**ROMANIA**

Diploma of Building & Civil Engineering, Polytechnic Institute,

Bucharest. Diploma of Engineer, Mining Institute of Petrosani.

**RUSSIA (and former Soviet Republics)**

Certificate in Telecommunications, Tashkent.  
Diploma in Automotive Engineering from Khabarovsk Polytechnic Institute. Diploma in Civil Engineering, Leningrad.  
Diploma in Electro-Mechanics, Odessa Gas & Oil Industry College. Diploma in Engineering Electrical, Darmstadt Technical University. Diploma of the Kiev Electrical Mechanical Institute.  
Diploma from Kishnev Electro Mechanical Institute.  
Diploma Military & Vehicle Engineering (Ryazan Highest Military College for Landing Forces).  
TechHighSch Exam Elect Eng, Sov Min Inst Eng, Kishinev Moldavian S.S.R.

**SINGAPORE**

Diploma in Civil Engineering, Singapore Polytechnic.

**SOUTH AFRICA**

Higher National Certificate for Technicians, Dept of National Education. (Level T4).  
National Certificate (Mechanical).  
National Diploma (Building), Tshwane University of Technology, Pretoria National Diploma in Civil Engineering.  
National Diploma in Construction Engineering.  
National Diploma in Electrical Engineering.  
National Diploma for Technicians, Civil.  
National Diploma in Civil Engineering, Durban University of Technology.  
National Higher Diploma Civil Engineering.  
National Higher Diploma Mechanical Engineering  
National Higher Diploma (Extraction Metallurgy), Technikon Witwatersrand, Johannesburg  
National Technicians Diploma in Civil Engineering  
BE (Mech); ME (Mech), University of Pretoria,  
BSc (Civil Engineering) (Honours), University of Cape Town  
Bachelor of Engineering (Civil Engineering), University of Pretoria  
Bachelor of Technology (Electrical), Vaal University of Technology  
Master of Engineering (Engineering Management), University of Johannesburg  
Bachelor of Technology (Metallurgy Engineering), University of Johannesburg

**SRI LANKA**

National Diploma in Structural Engineering, University of Sri Lanka.  
National Diploma in Technology (Civil), University of Sri Lanka.  
National Diploma in Technology (Electrical - Electronics), Moratuwa University.  
National Diploma in Technology (Mechanical), Moratuwa University.  
National Diploma in Technology (Production), Moratuwa University.  
National Diploma in Technology (Civil Engineering), Moratuwa University.  
National Diploma in Engineering Sciences, National Apprentice & Industrial Training Authority.  
BSc Engineering (Honours) Earth Resources, University of Moratuwa  
BSc Engineering, University of Peradeniya.  
Bachelor of Science (Marine Engineering), General Sir John Kotelawala Defence University  
Master of Engineering (Energy Technology), University of Moratuwa

**SWITZERLAND**

Swiss Diploma in Engineering (Civil) H.T.L.

**SYRIA**

Bachelor of Electrical Engineering (Electronics and Telecommunications), Damascus University

**TAIWAN**

BSc Civil Engineering (Kuang Chiao College).  
BSc Environmental Engineering Cheng Kung University.

**UKRAINE**

Diploma Marine Engineering, Kherson Fishing Industry Navigational College, Kherson.

**UNITED KINGDOM**

Advanced Certificate for Senior Gas Engineering Technicians.  
Bachelor of Engineering (Honours) (Civil) Queens University, Belfast

British Broadcasting Staff Examination (C Course).  
 Certificate in Electrical & Electronic Engineering, Scottish Technical Education Council.  
 Certificate of Engineering, Oxford University (Applcn 5766 c/w another qual).  
 Certificate of Competency as Chief Engineer III/2, Maritime and Coastguard Agency,  
 C&G Colliery c/w Mining Electrical & Mechanical Engineer Honours Examination.  
 City & Guilds (London), Full Technological Certificate (depending upon subjects).  
 C & G (London) Full Technological Certificate of Electrical Technician, with at least 2 credits.  
 C & G Construction Technician's Part 2 Certificate & Higher Certificate in Bldg Studies, TEC.  
 Diploma in Environmental Engineering, National College of Htg, Vent, Refrig & Fan Engineering.  
 Higher National Certificate, Building.  
 Higher National Certificate Engineering. (Intl Scottish).  
 Higher National Diploma Engineering.  
 Institution of Electronics and Radio Engineers, London, Graduate Membership Examination.  
 Master of Science (MSc) in Advanced Concrete Technology. Queens Uni, Belfast, Northern Ireland  
 Master of Science (MSc) Engineering, University of Leeds  
 Mine Surveyors Certificate.  
 Post Graduate Diploma (Advanced Concrete Technology), University of Leeds  
 RAF Initial Engineering Course (Mechanical).  
 RAF Initial Engineering Course (Electrical).  
 RAF Maintenance Engineering Course (Electrical).  
 RAF Maintenance Engineering Course (Mechanical).  
 RAF Technical Officers (Graduate) Electrical Engineering Course.  
 RAF Technical Officers (Graduate) Mechanical Engineering course.  
 Technician Education Council Certificate in Gas Services (Utilisation) London.

#### **USA**

BSc Walla Walla, Washington.  
 Bachelor of Science (Engineering Science), Colorado State University

#### **Venezuela**

Titulo de Ingeniero Electricista (Degree of Electrical Engineering)

#### **YUGOSLAVIA (former state of) (including BOSNIA & HERCEGOVINA, CROATIA, MACEDONIA, MONTENEGRO, SERBIA, SLOVENIA)**

BE Chemical Engineering, Novi Sad University.  
 BSc Chemical Engineering, (Chemistry, technology & major processing engineering), Zagreb.  
 BSc Zagreb University  
 Diploma from Higher School of Electrotechnical Engineering, Belgrade.  
 Diploma of Mechanical Engineering, University "Kiril i Metodij", Skopje, Macedonia.  
 Diploma in Civil Engineering, University of Sarajevo, Bosnia & Herzegovina.  
 Diploma in Fire Protection Engineering, Advanced Technical School, Novi Sad, Republic of Serbia.  
 Diploma Civil Engineering, University of Kiril & Metodij, Skopje.

#### **ZIMBABWE**

National Diploma in Civil Engineering  
 Higher National Diploma (Computer Studies), Ministry of Higher Education and Technology, Harare  
 Bachelor of Engineering (Honours) (Electronic Engineering), National University of Science and Technology, Bulawayo  
 Bachelor of Science (Honours) (Electrical Engineering), University of Zimbabwe, Harare.  
 Bachelor of Science (Honours) (Telecommunications), Midlands State University, Gweru