National Diploma in Engineering (Electrotechnology) (Level 6)

Level   **6**

Credits   **240**

This qualification is expiring. The last date to meet the requirements is 31 December 2014.

Purpose

This diploma represents the underpinning knowledge and skills necessary for a career as an engineering technician in the computer engineering, electrical engineering, electronics, industrial measurement and control, or telecommunications industries.

Engineering technicians are typically associated with development, manufacture, installation, servicing, and repair of engineering systems, products, and components, with limited technical supervision, and are able to report on these activities clearly and concisely.

The diploma caters for:
• People wishing to prepare for engineering technician roles in the industries mentioned above, and would normally be followed by, or combined with, a period of work experience, putting the knowledge and skills gained to practical use in the industry.
• People already qualified in a trade or as a technician, and who wish to advance their careers by improving their technical, theoretical, analytical, and communication skills.

This qualification provides a pathway to other engineering disciplines at diploma level as well as a lead in to engineering degrees.

The National Diploma in Engineering (Electrotechnology) (Level 6) [Ref: 1313] (NDE) forms an advanced theory basis for industry-linked qualifications that require practical experience in the candidate's chosen field. Candidates can fully or partially complete any of the following industry-linked qualifications before commencing the NDE or fully or partially complete the NDE before commencing any of the industry-linked qualifications. This allows candidates the opportunity to advance either their knowledge or practical skills as appropriate.

Industry-linked qualifications that can lead to this qualification or that can follow on from this qualification include but are not limited to:
• National Certificate in Electrical Engineering (Electrical Appliance and Electronic Servicing) (Level 4) with strands in Commercial Electrical Appliances, Domestic Electrical Appliances, Electronic Consumer Goods, Office Equipment, and Portable Electrical [Ref: 1266]
• National Certificate in Electrical Engineering (Electrician for Registration) (Level 4) [Ref: 1195]
• National Certificate in Electrical Engineering (Level 5) [Ref: 0951]
• National Certificate in Electrical Engineering (Motor Rewinding and Repair) [Ref: 0412]

- National Certificate in Electricity Supply (Technician) (Level 4) with strands in Control and Instrumentation, Power Technician, and HVDC Technician; and an optional strand in Electrical Services [Ref: 0917]
- National Certificate in Electronic Engineering (Level 4) [Ref: 1123]
- National Certificate in Industrial Measurement and Control (Level 4) [Ref: 0410]
- National Certificate in Industrial Measurement and Control (Level 5) [Ref: 0976]
- National Certificate in Telecommunications (Level 3) with strands in Bearer and Switch, Building and Data Cabling, Customer Access Network, Customer Premises Equipment, Information and Communications Technology, and Radio [Ref: 0767]
- National Certificate in Telecommunications (Level 4) with strands in Bearer and Switch, Building and Data Cabling, Customer Access Network, Customer Premises Equipment, and Radio [Ref: 1002]
- National Certificate in Telecommunications (Manufacture and Production) (Level 5) with strands in Electronics, Mechanical, and Radio [Ref: 0109]

The diploma is designed to be achieved either as a two-year full-time programme or as a part-time programme over a longer period.

The diploma comprises unit standards at level 3 and above covering a variety of electrotechnology topics. Apart from the compulsory unit standards, candidates may select unit standards from anywhere in the qualification provided the credit requirements are met and that the candidates select and follow a structured programme of learning - under guidance from their training providers - that meets their chosen industry requirements. The candidate must also be guided by the individual unit standard pre-learning requirements.

Specifically, the diploma covers the following areas:
- analogue and digital electronic systems;
- automation;
- computer engineering;
- electric power engineering;
- electric power generation and transmission;
- electrical and electronic engineering;
- electrical building services;
- electrical machines;
- electricity supply engineering;
- electronic manufacturing;
- electrotechnology engineering project management;
- electrotechnology project development;
- engineering maths;
- engineering practice, management, and workplace communications;
- illumination engineering;
- instrumentation and control;
- mechanical engineering as it applies to electrotechnology engineering;
- microcontrollers;
- network infrastructure and networking;
- personal computer engineering;
- power electronics;
- programmable logic controller engineering;

- programming including rapid application development;
- radio engineering;
- real time programming;
- research projects;
- telecommunications.

The qualification provides the opportunity for candidates to study special topics of their choice in the field of electrotechnology at level 4, level 5, and level 6.

The ElectroTechnology Industry Training Organisation (ETITO) supports the concept of continuing and lifelong education, and encourages students to consider future training options. Credit transfer arrangements have been added to the National Diploma in Engineering (Electrotechnology) (Level 6) [Ref: 1313] to provide linkage to and progression from electrotechnology programmes at universities and polytechnics throughout New Zealand.

Replacement information

This qualification replaced the National Diploma in Engineering (Level 6) with strands in Computer Engineering; Electrical Engineering; Electronics; Industrial Measurement and Control; and Telecommunications [Ref: 0846].

Special Notes

Though the qualification does not comprise strands, candidates are expected to follow a particular discipline that will reflect the sector of the electrotechnology industry in which they wish to work. The structure of the qualification allows candidates to pursue study in other areas of the industry that interest them or would be advantageous to them in their career while remaining within the bounds of the qualification. It is recommended that candidates work with their training provider to select a programme that meets their industry requirements.

Dublin Accord compliance
The qualification is supported by The Institution of Professional Engineers New Zealand (IPENZ) as being compliant with the requirements of the Dublin Accord. The Dublin Accord is an accord that has been signed by engineering bodies in UK, Ireland, Hong Kong, China, Japan, Canada, United States, South Africa, and elsewhere to recognise qualifications meeting the requirements for membership of/registration for their respective engineering bodies at associate (or technician) level and as an international competency benchmark for engineering technicians. New Zealand has also signed the Dublin Accord, with IPENZ as the designated professional body. Further information on the Dublin Accord may be obtained from http://www.ieagreements.com/dublin or telephone IPENZ on 04 473 9444.

Recommended for entry
Candidates should have achieved NCEA Level 2 or higher in Mathematics, Science, and English; or demonstrate equivalent knowledge and skills; or have completed or are well on the way to completing an industry qualification in the field of electrotechnology.

Recognition of prior learning

Recognition by assessment of Prior Learning (RPL) acknowledges the skills and knowledge gained from paid or unpaid work and experience, or from courses of study. Candidates for RPL must go through an assessment process against standards in accordance with NZQA guidelines. Applications for RPL should be made to the ElectroTechnology Industry Training Organisation or the candidate's accredited training provider.

Credit Range

	Compulsory	Elective 1	Elective 2
Level 3 credits	30	0-15	0-30
Level 4 credits	40	0-80	0-60
Level 5 credits	-	0-80	0-60
Level 6 credits	15	15-95	0-45
Level 7 or above credits	-	-	0-45
Minimum totals	85	95	-

Requirements for Award of Qualification

- A minimum of 240 credits at Level 3 or above
  - Of which a minimum of 165 credits at Level 4 or above
  - Of which a minimum of 75 credits at Level 6 or above
- Compulsory Standards
- Elective 1 – A minimum of 95 credits as specified
- Elective 2 – Balance if required

Requirements for Award of Qualification

Award of NZQF National Qualifications

Credit gained for a standard may be used only once to meet the requirements of this qualification.

Unit standards and achievement standards that are equivalent in outcome are mutually exclusive for the purpose of award. The table of mutually exclusive standards is provided on the New Zealand Qualifications Authority (NZQA) website: http://www.nzqa.govt.nz/qualifications-standards/standards/standards-exclusion-list/.

Reviewed standards that continue to recognise the same overall outcome are registered as new versions and retain their identification number (ID). Any version of a standard with the same ID may be used to meet qualification requirements that list the ID and/or that specify the past or current classification of the standard.

Summary of Requirements

text

Detailed Requirements

Compulsory
The following standards are required

Engineering and Technology > Electrical Engineering > Core Electrical

Id	Title	Level	Credit
22721	Demonstrate and apply fundamental knowledge of electrical circuit engineering principles	3	15

Engineering and Technology > Electrical Engineering > Electrotechnology

Id	Title	Level	Credit
16971	Plan, develop, and document a practical electrotechnology product	6	15
16973	Demonstrate and apply knowledge of electrotechnology engineering construction and testing skills	3	5
16992	Describe and apply knowledge of electrotechnology fault-diagnosis procedures	4	5
22734	Demonstrate and apply introductory knowledge of electrotechnology engineering mathematics	4	15
22735	Explain and apply information gathering methods and present reports in an electrotechnology industry	4	5
22736	Explain and apply communication skills and societal responsibilities in an electrotechnology industry	3	10

Engineering and Technology > Electronic Engineering > Core Electronics

Id	Title	Level	Credit
22726	Demonstrate and apply introductory knowledge of electronic engineering	4	15

Elective 1
A minimum of 95 credits at Level 3 or above
- of which a minimum of 80 credits at Level 4 or above
- of which a minimum of 15 credits at Level 6

Engineering and Technology > Electrical Engineering > Core Electrical

Id	Title	Level	Credit
22722	Demonstrate and apply introductory knowledge of electrical circuit engineering principles	4	15
22723	Demonstrate and apply intermediate knowledge of the elements of power engineering	5	15
22724	Demonstrate and apply knowledge of electrical machines	5	15
22725	Demonstrate and apply advanced knowledge of power system engineering	6	15

Engineering and Technology > Electrical Engineering > Electrotechnology

Id	Title	Level	Credit
11569	Demonstrate intermediate knowledge of illumination engineering	5	15
11576	Demonstrate and apply knowledge of building electrical services engineering	6	15
11582	Demonstrate advanced knowledge of illumination engineering	6	15
16974	Demonstrate and apply knowledge of CAD tools as used in an electrotechnology engineering environment	4	5
16975	Demonstrate and apply knowledge of software tools as used in electrotechnology industry applications	3	5
16991	Demonstrate and apply knowledge of electrotechnology engineering workshop safe practice	3	5
22737	Demonstrate introductory knowledge of emerging or new electrotechnology products or systems	4	15
22738	Demonstrate and apply intermediate knowledge of electrotechnology engineering mathematics	5	15
22739	Demonstrate intermediate knowledge of emerging or new electrotechnology products or systems	5	15
22740	Demonstrate knowledge of project management in an electrotechnology engineering environment	6	15
22741	Demonstrate advanced knowledge of emerging or new electrotechnology products or systems	6	15
22742	Conduct negotiated research in the field of electrotechnology engineering	6	15

Engineering and Technology > Electricity Supply > Electricity Supply - Power System Management

Id	Title	Level	Credit
11577	Describe and apply electricity power generation technology	6	15
11578	Describe and apply electricity power transmission technology	6	15

Engineering and Technology > Electronic Engineering > Computer Engineering

Id	Title	Level	Credit
11566	Demonstrate and apply intermediate knowledge of personal computer engineering	5	15
11583	Demonstrate and apply advanced knowledge of local computer network engineering principles	6	15
16976	Demonstrate and apply advanced knowledge of personal computer engineering	6	15
16981	Demonstrate and apply advanced knowledge of programming techniques for electrotechnology	6	15
16982	Demonstrate rapid application development software techniques in an engineering context	6	15

Id	Title	Level	Credit
16989	Describe and apply advanced knowledge of computer network engineering techniques to set up a WAN	6	15
22712	Demonstrate and apply introductory knowledge of computer network engineering principles	4	15
22713	Demonstrate and apply knowledge of computer networking infrastructure principles	4	15
22715	Use personal computer software to demonstrate computer programming concepts for electrotechnology	3	5
22716	Demonstrate and apply introductory knowledge of open computer operating systems	4	15
22717	Demonstrate and apply intermediate knowledge of computer network engineering principles	5	15
22718	Demonstrate and apply intermediate knowledge of programming techniques for electrotechnology	5	15
22719	Demonstrate knowledge of and install wireless local area computer networks	6	15

Engineering and Technology > Electronic Engineering > Core Electronics

Id	Title	Level	Credit
11572	Demonstrate and apply knowledge of electronic signal technology engineering	6	15
11573	Demonstrate and apply knowledge of power electronics technology engineering	6	15
11580	Demonstrate and apply knowledge of real-time programming in electrotechnology engineering	6	15
16968	Demonstrate and apply intermediate knowledge of electronic engineering	5	15
16969	Demonstrate and apply knowledge of digital systems technology	5	15
16993	Demonstrate electronic printed circuit board layout skills	4	5
22727	Demonstrate and apply intermediate knowledge of programmable logic controller engineering applications	5	15
22728	Demonstrate and apply intermediate knowledge of microcontroller engineering concepts	5	15
22729	Demonstrate and apply advanced knowledge of programmable logic controller engineering applications	6	15
22730	Demonstrate and apply advanced knowledge of microcontroller engineering concepts	6	15

Engineering and Technology > Electronic Engineering > Electronic Manufacturing

Id	Title	Level	Credit
22732	Apply intermediate knowledge of electronic manufacturing	5	15
22733	Demonstrate advanced knowledge of electronic manufacturing process engineering	6	15

Engineering and Technology > Industrial Measurement and Control > Industrial

Measurement and Control - Theory

Id	Title	Level	Credit
22743	Demonstrate and apply intermediate knowledge of instrumentation and control system engineering	5	15
22744	Demonstrate and apply knowledge of industrial automation engineering	6	15
22745	Demonstrate and apply advanced knowledge of instrumentation and control principles	6	15

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

Id	Title	Level	Credit
21773	Demonstrate and apply knowledge of mechanical statics for mechanical engineering	4	15
21774	Demonstrate and apply knowledge of mechanical dynamics for mechanical engineering	4	15

Engineering and Technology > Telecommunications > Communications Technology

Id	Title	Level	Credit
11567	Demonstrate knowledge of telecommunications network structures and transmission engineering	5	15
11568	Describe and apply telecommunications transmission engineering and testing techniques	6	15
11585	Demonstrate and apply knowledge of radio frequency engineering principles	6	15
11586	Demonstrate and apply knowledge of radio systems technology	6	15
22720	Demonstrate and apply knowledge of telecommunications network engineering principles	6	15

Elective 2

The balance of credits to achieve a minimum of 240 credits at Level 3 or above
- of which a minimum of 165 credits at Level 4 or above
- of which a minimum of 75 credits at Level 6 or above

may come from the following

Field	Subfield	Domain
Engineering and Technology	Electrical Engineering	Any
	Electricity Supply	Any
	Electronic Engineering	Any
	Industrial Measurement and Control	Any
	Mechanical Engineering	Any
	Telecommunications	Any

Credit Transfer Arrangements

Candidates who hold credit equivalents at level 4 or above, from any qualifications registered on The New Zealand Register of Quality Assured Qualifications in the field of electrotechnology engineering, may apply for credit exemptions up to 45 credits towards Elective 2 of this diploma.

The ETITO will consider the credit exemptions for approval before credit exemption applications are sent to NZQA for processing.

Exemptions will apply only for the purposes of award of this qualification and will not appear on the Record of Learning.

The exemptions for credits from qualifications registered on The New Zealand Register of Quality Assured Qualifications must be applied for on the application form in the Appendix and should be reported as part of the normal reporting of results. The usual exemption fee of $1 per credit will apply. That fee must also be paid before the application is processed.

A maximum of 45 credits at levels 4 to 7 may be used for credit transfer.

One Non-NQF qualification component (undergraduate paper or certificate/diploma module) allows a maximum of 15-credit exemption towards Elective 2 at the Non-NQF qualification component level.

Qualifications registered on The New Zealand Register of Quality Assured Qualifications that meet these requirements may include but are not limited to:

Code	Title	Level
AK1271	Bachelor of Mathematical Sciences	7
AK3520	Bachelor of Engineering	7
AK3697	Bachelor of Computer and Information Sciences	7
AK3719	Bachelor of Engineering Technology	7
AU0059	Bachelor of Engineering	7
CH3806	Bachelor of Engineering Technology (Electrotechnology)	7
CN0602	Bachelor of Engineering with Honours	8
MA4000	Bachelor of Information and Communications Technology (Applied)	7
MA4030	Bachelor of Applied Science (Medical Imaging Technology)	7
MA4280	Bachelor of Creative Industries	7
MN4315	Bachelor of Engineering (Honours) (Electronics and Computer Engineering) (Level 8)	8
MN4316	Bachelor of Engineering (Electronics and Computer Engineering) (Level 7)	7
MN4331	Bachelor of Engineering Technology	7
MY0110	Bachelor of Engineering Technology	7
OP7005	Bachelor of Engineering Technology (Level 7)	7
OP7010	Bachelor of Applied Science	7
WA2155	Bachelor of Computer Graphic Design	7
WA2160	Bachelor of Computer Graphic Design (Honours)	8
WI0146	Bachelor of Computer Graphic Design (Honours)	8

Code	Title	Level
WI0206	Bachelor of Engineering	7

Transition Arrangements

Version 2

This qualification has been reviewed and is expiring without replacement.

For detailed information see Review Summaries on the NZQA website.

Version 1

Version 1 of this qualification replaced the National Diploma in Engineering (Level 6) with strands in Computer Engineering, Electrical Engineering, Electronics, Industrial Measurement and Control, and Telecommunications [Ref: 0846].

A major review of competency training, carried out by ETITO and the National Electrotechnology Education Consortium (NETEC) and industry between 2002 and 2006, resulted in many unit standards from the replaced qualification being revised or replaced and some new unit standards being created.

Summary of differences between the qualifications
- Compulsory standards 16970 and 16972 have been removed.
- Standards 16973, 16992, 22721, 22726, 22734-22736 have been added to the Compulsory section of the new qualification.
- Core Electives 1-5 have been replaced with a new Elective 1, which allows candidates greater flexibility in study towards their chosen industry requirements.
- Elective 2 has been added to the new qualification to provide candidates with further specialist flexibility. It also allows for recognition of previous learning achievements in the electrotechnology industry whether through national qualifications framework qualifications or from other qualifications registered on The New Zealand Register of Quality Assured Qualifications in the field of electrotechnology engineering.
- Strands in Computer Engineering, Electrical Engineering, Electronics, Industrial Measurement and Control, and Telecommunications have been removed.

It is intended that programmes leading to the new qualification will be introduced from 2007.

The last date to meet the requirements of the National Diploma in Engineering (Level 6) with strands in Computer Engineering, Electrical Engineering, Electronics, Industrial Measurement and Control, and Telecommunications [Ref: 0846] is 31 December 2010. Trainees may either complete the requirements of that qualification before 31 December 2010 or transfer to the new qualification with the exemptions listed below.

Industry and NZQA will continue to recognise the former qualification, and there should be no need to 'upgrade' by those who have already achieved the former qualification.

For detailed information see Review Summaries on the NZQA website.

This qualification contains standards that replace or have been recognised as alternatives to earlier standards. For the purposes of this qualification people who have gained credit for the expiring standards are exempt from the requirement to gain credit for the replacement or alternative standards.

Credit for	Exempt from
9685	22735
11388, 11389	21773, 21774
11563	22743
11564	22724
11565	22723
11571	22728
11574	22745
11575	22745
11578	22725
11579	22729
11581	16981
11581	22730
11584	22720
16964, 16965, 16972	22721, 22722
16967	22726
16977	11566
16978	16981
16979, 16985	22715
16980	22718
16983	16981
16986	16981
16988	22712, 22717
16990	22713

It is not intended that anyone be disadvantaged by this review, and the above arrangements have been designed for a smooth transition. However, anyone who feels they have been disadvantaged may appeal to the ElectroTechnology Industry Training Organisation at the address below.

New Zealand Certificate in Engineering (NZCE)

The National Diploma in Engineering (Electrotechnology) (Level 6) [Ref: 1313] has been developed by the ElectroTechnology Industry Training Organisation (ETITO) in conjunction with the National Electrotechnology Education Consortium (NETEC) and a broad group of industry and training provider stakeholders moderators and assessors. It replaced the National Diploma in Engineering (Level 6) with strands in Computer Engineering, Electrical Engineering, Electronics, Industrial Measurement and Control, and Telecommunications [Ref: 0846] as well as the following options of the New Zealand Certificate in Engineering (NZCE):

2103 Electrical
2105 Industrial Measurement and Control
2111 Telecommunications
2112 Electronics and Computer Technology

The NZCE will continue to be awarded as laid out in the last issue (2003) of the Advanced Vocational Awards Handbook until 31 December 2008. This should allow adequate time for candidates to meet the NZCE work experience requirements.

Industry and NZQA will continue to recognise the NZCE, and there is no requirement for NZCE graduates to 'upgrade' to the NDE.

To complete NZCE
People who have partially completed an NZCE are referred to the Guidelines for NZCE Cross Credits from other Qualifications available at: http://www.nzqa.govt.nz/nqfdocs/qaops/nzcecrosscredits.doc and the matrix of credits and exemptions available from ETITO. For details contact ETITO's Service Delivery Portfolio Manager-Electrotechnology by telephone on 09 525 2590 or by email at connect@etito.co.nz.

To change over to NDE
People who have completed part of the academic requirements of the NZCE have until 31 December 2007 to change over to the NDE, and claim credits based on completed NZCE papers, free of charge.

Transition credits and exemptions will be granted on the basis of a matrix developed by ETITO in accordance with NZQA guidelines. Accredited training providers may establish credits against evidence of NZCE passes, and forward the results to NZQA for processing.

Transition application forms, including the matrix of credits and exemptions, are available from ETITO. For details contact ETITO's Service Delivery Portfolio Manager-Electrotechnology by telephone on 09 525 2590 or by email at connect@etito.co.nz.

After 31 December 2007 candidates may apply for Recognition of Prior Learning.

NZQF National Qualification Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	August 2007	December 2014
Review	2	June 2011	December 2014

Standard Setting Body

ETITO
Freepost 5164
PO Box 24-469
Royal Oak
Auckland 1345

Telephone	09 525 2590
Email	connect@etito.co.nz
Website	http://www.etiti.co.nz

Other standard setting bodies whose standards are included in the qualification

Competenz
Electricity Supply Industry Training Organisation

Certification

This certificate will display the logos of NZQA, the ElectroTechnology Industry Training Organisation and the organisation that has been granted consent to assess against standards that meet the requirements of the qualification (accredited).

Classification

This qualification is classified according to the classification system listed on the Directory of Assessment Standards (DAS) and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

DAS Classification		NZSCED	
Code	**Description**	**Code**	**Description**
360	Engineering and Technology > Engineering	031399	Engineering and Related Technologies > Electrical and Electronic Engineering and Technology > Electrical and Electronic Engineering and Technology not elsewhere classified

Quality Management Systems

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Providers and Industry Training Organisations must be granted consent to assess by a recognised Quality Assurance Body before they can register credits from assessment against standards. Organisation with consent to assess and Industry Training Organisations assessing against standards must engage with the moderation system that applies to those standards. Consent to assess requirements and the moderation system are outlined in the associated Consent and Moderation Requirements (CMR) for each standard.

Application Form for Credit Exemptions
National Diploma in Engineering (Electrotechnology) (Level 6)

To be completed by applicants and processed through the ElectroTechnology Industry Training Organisation (ETITO).

Section A is to be completed by applicants.

Section B is to be completed for papers where evidence is available that the applicant has passed the papers.

Section C must be signed by a responsible person at the accredited provider or ITO to certify that the results recorded are correct.

Section D must be signed by a responsible person at the ElectroTechnology ITO to certify that the ITO has approved the credit exemptions.

IN ALL CASES APPLICANTS MUST HAVE PAID THE NATIONAL QUALIFICATIONS REGISTRATION (HOOK ON) FEE ($25.00) BEFORE THE APPLICATION CAN BE PROCESSED BY THE QUALIFICATIONS AUTHORITY. THE USUAL CREDIT FEE WILL APPLY AND MUST BE PAID BEFORE THE APPLICATION IS PROCESSED

Completed forms are to be sent to:
Tertiary Records
New Zealand Qualifications Authority
PO Box 160
WELLINGTON

Section A – Personal Details
PLEASE USE BLOCK LETTERS

Surname (family name)

First Names (given names). Enter all names in full

Record of Achievement ID

Date of Birth   Day   Month   19   Year

Institution which is processing the application:

Section B – Confirmation of Academic Record
AN APPROPRIATELY RESPONSIBLE PERSON AT THE ACCREDITED TRAINING
PROVIDER OR ITO MUST SIGHT ORIGINAL RESULT NOTICES.

Candidates who hold credit equivalents at level 4 or above, from any qualification
registered on The New Zealand Register of Quality Assured Qualifications in the field of
electrotechnology engineering, may apply for credit exemptions towards Elective 2 of this
diploma.

A maximum of 45 credits at levels 4-7 may be used for credit transfer.

The ETITO will consider and approve the credit exemptions before applications are sent to
NZQA for processing.

A maximum of 45 credits at levels 4-7 may be used for credit transfer.

**One Non-NQF qualification component (undergraduate paper or certificate/diploma
module) allows a 15-credit exemption towards Elective 2.**

Credit for				Exempt from Elective 2 Credits	
Paper/Module	*Qualification & Register No.*	*Level*	*Year Issued*	*Level*	*Credits*
					15
					15
					15

Section C – Declaration by Accredited Provider/Industry Training Organisation

This is to certify that the original results notice/s in Section B have been sighted.

SIGNED BY PROVIDER/ITO:_____

NAME *(please print)*:_____

DESIGNATION:_____

DATE:_____

Section D – Declaration by ElectroTechnology Industry Training Organisation

This is to certify that the credit exemptions in Section B have been verified.

SIGNED BY ITO:_____

NAME *(please print)*:_____

DESIGNATION:_____

DATE:_____