WAIHANGA ARA RAU
Construction and Infrastructure
Workforce Development Council

ELECTRICAL ENGINEERING

EXEMPTION AND CREDIT TRANSFER FOR ELECTRICAL PRE-TRADE GRADUATES 2387 OR 4316

VERSION 3 | SEPTEMBER 2024

Approved by	GM Assurance
Date Approved	3 September 2024

Version	Date	Nature of Amendment
1.0	26/08/2022	New document created, based on tables supplied by Skills TITO.
2.0	3/04/2024	Updated based on feedback from Te Pūkenga-EarnLearn and ETCO
3.0	3/09/2024	Updated based on feedback from Te Pūkenga-EarnLearn and ETCO

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1. EXEMPTIONS

Exemptions and credit transfer for Electrical Engineering Theory graduates

This exemption for First Aid unit standards applies.

Credit for	Exempt from
26551 Provide first aid for life threatening conditions (Level 2) (1 Credit)	6402 Provide basic life support (Level 1) (1 Credit)
26552 Demonstrate knowledge of common first aid conditions and how to respond to them (Level 2) (1 Credit)	6401 Provide first aid (Level 2) (1 Credit)

The next table applies to graduates of non-unit standard-based programmes leading to the following Level 3 qualifications:

- New Zealand Certificate in Electrical Engineering Theory (Level 3) [Ref: 2387], or
- New Zealand Certificate in Electrical Pre-Trade (Level 3) [Ref: 4316]

who are transitioning into a programme leading to the New Zealand Certificate in Electrical Trade (Level 4) with strands in General Electrical, and Electricity Supply (Level 4) [Ref: 4204].

2. CREDIT TRANSFER

Waihanga Ara Rau WDC Pre-approved Credit Transfer

Waihanga Ara Rau WDC supports the award of the standards identified. The evidence required to achieve the standards is the apprentice's NZQA Record of Learning listing the relevant qualification.

This recognises the transfer of learning from the completed Level 3 qualification into award of standards that will contribute to the level 4 programme.

This recognition cannot occur via exemption, as a qualification cannot exempt standards.

Process:

Providers must confirm the apprentice entering the programme has the qualification listed in the left column on their NZQA Record of Learning. Upon confirmation, the listed standards in the right-hand column of the same row should be awarded by the provider.

If a provider considers that the exempts stated are no longer valid or there are exemptions that are missing, they should contact moderation@waihangaararau.nz in the first instance to get approval for changes to the exemptions outlined in this document.

Graduate of:	Can be awarded all of the following unit standards
NZC in Electrical Theory (Level 3) [Ref: 2387]	32605 Demonstrate knowledge for working safely in the electrical industry (Level 3) (6 Credits), 32607 Apply knowledge of working safely in the electrical industry (Level 4) (8 Credits) 32609 Demonstrate knowledge of mathematical principles, conductors and insulators (Level 3) (7 Credits) 32610 Demonstrate knowledge of voltage, power and energy, and DC circuits (Level 3) (6 Credits) 32611 Demonstrate knowledge of magnetism and AC generation (Level 3) (6 Credits) 32612 Demonstrate knowledge of legislation, industry governance bodies and AS/NZS 3000 for the electrical industry (Level 3) (4 Credits) 32614 Demonstrate knowledge of electrical faults, circuit protection, commissioning, and de-commissioning (Level 3) (6 Credits) 32619 Demonstrate fundamental knowledge for working in electrical trades (Level 3) (1 Credit) 32620 Demonstrate knowledge of electrical plans, switching circuits, and lighting systems (Level 3) (5 Credits)

	32622 Demonstrate knowledge of the national supply grid, MEN system, and earthing (Level 3) (6 Credits) 32623 Demonstrate knowledge of circuit protection and distribution board wiring (Level 4) (5 Credits) 32624 Demonstrate knowledge of electrical installation testing, fault finding, and rectification of discovered faults (Level 4) (6 Credits) 32625 Demonstrate knowledge of damp situations, SELV and PELV systems, and single-phase transformers (Level 3) (5 Credits) 32626 Demonstrate knowledge of capacitors, inductors, and electronics in the electrical trade (Level 3) (5 Credits) 32629 Demonstrate knowledge of electric motors and alternators (Level 4) (5 Credits)
NZC in Electrical Pre-Trade (Level 3) [Ref: 4316]	32605 Demonstrate knowledge for working safely in the electrical industry (Level 3) (6 Credits) 32606 Demonstrate knowledge of tools, fittings, and plans in the electrical industry (Level 3) (5 Credits) 32609 Demonstrate knowledge of mathematical principles, conductors and insulators (Level 3) (7 Credits) 32610 Demonstrate knowledge of voltage, power and energy, and DC circuits (Level 3) (6 Credits)

	32611 Demonstrate knowledge of magnetism and AC generation (Level 3) (6 Credits) 32612 Demonstrate knowledge of legislation, industry governance bodies and AS/NZS 3000 for the electrical industry (Level 3) (4 Credits) 32613 Demonstrate knowledge of cords, cables, and cable installation (Level 3) (4 Credits) 32614 Demonstrate knowledge of electrical faults, circuit protection, commissioning, and de-commissioning (Level 3) (6 Credits) 32619, Demonstrate fundamental knowledge for working in electrical trades (Level 3) (1 Credit) 32620 Demonstrate knowledge of electrical plans, switching circuits, and lighting systems (Level 3) (5 Credits) 32621 Demonstrate knowledge of wiring support systems and cable installation (Level 3) (5 Credits) 32622 Demonstrate knowledge of the national supply grid, MEN system, and earthing (Level 3) (6 Credits) 32625 Demonstrate knowledge of damp situations, SELV and PELV systems, and single-phase transformers (Level 3) (5 Credits) 32626 Demonstrate knowledge of capacitors, inductors, and electronics in the electrical trade (Level 3) (5 Credits)