

<b>Title</b>	<b>Describe the limits of electrical work for dairy and irrigation systems workers</b>		
<b>Level</b>	<b>2</b>	<b>Credits</b>	<b>3</b>

<b>Purpose</b>	People credited with this unit standard are able to describe the limits of electrical work for dairy and irrigation systems workers.
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<b>Classification</b>	Mechanical Engineering > Dairy Systems Engineering
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Legislations and Reference  
Electricity Act 1992.  
Electricity (Safety) Regulations 2010.  
Electrical Workers Registration Board (EWRB) *Working Safely and in Compliance* available from <https://www.ewrb.govt.nz/working-safely-and-in-compliance/>.
- 2 Definitions  
EAS – Electrical Appliance Service person.  
EST – Electrical Service Technician.  
TLC – Trainee Limited Certificate.
- 3 Range  
Prescribed electrical work as listed in the Electrical (Safety) Regulations 2010 covers:
  - a) installation or maintenance of conductors used in works or installations;
  - b) installation or maintenance of fittings connected to, or intended to be connected to conductors used in works or installations;
  - c) connection or disconnection of fittings to or from a power supply, other than by means of a plug or pin inserted into a socket, or an appliance connector inserted into an appliance inlet;
  - d) maintenance of appliances;
  - e) testing of work described in (a) to (d) above;
  - f) certification of work described in (a) to (d) above;
  - g) inspection of work described in (a) to (d) above;
  - h) supervision of any work described in (a) to (d) above.
- 4 Assessment information  
All evidence must comply with the Electricity (Safety) Regulations 2010 and the EWRB rules.

## Outcomes and performance criteria

### Outcome 1

Describe the limits of electrical work for dairy and irrigation systems workers.

### Performance criteria

- 1.1 Limits of work for each class of electrical registration is described.
- Range TLC, EAS, EST.
- 1.2 TLC, EAS, EST requirements and system, pathway, and practising license or registration procedures are described.
- 1.3 Liability and penalties for conducting work outside of the registration class held are described.
- 1.4 Qualifications and registration classes required for tradesmen who install, service, isolate, connect, and reconnect electrical installations in dairy systems engineering are described.
- Range may include but is not limited to – motors, pumps, generators, compressors, transformers, converters, inverters.

<b>Planned review date</b>	31 December 2024
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### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	28 November 2019	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0013
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

### Comments on this unit standard

Please contact Competenz at [qualifications@competenz.org.nz](mailto:qualifications@competenz.org.nz) if you wish to suggest changes to the content of this unit standard.