

<b>Title</b>	<b>Apply aeronautical engineering knowledge and skills to maintain generic aircraft electrical systems</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>15</b>

<b>Purpose</b>	People credited with this unit standard are able to apply aeronautical engineering knowledge and skills to maintain generic aircraft electrical systems.
----------------	--

<b>Classification</b>	Aeronautical Engineering > Aeronautical Engineering - Core
-----------------------	--

<b>Available grade</b>	Achieved
------------------------	----------

---

### Guidance Information

- 1 All tasks must be carried out in accordance with enterprise procedures.
- 2 Definition  
*Enterprise procedures* – procedures used by the organisation carrying out the work and applicable to the tasks being carried out. Examples are – standard operating procedures, safety procedures, equipment operating procedures, codes of practice, quality management practices and standards, procedures to comply with legislative and local body requirements.
- 3 Assessment of this unit standard is to take place on a system fitted to an aircraft to replicate the interdependence of aircraft systems and on-aircraft safety precautions.
- 4 This unit standard is designed for assessment in a training environment.
- 5 The scope of the systems that this standard relates to may include but is not limited to those described in ATA iSpec 2200, chapters 24, 33, and 39.

---

### Outcomes and performance criteria

#### Outcome 1

Apply aeronautical engineering knowledge and skills to maintain generic aircraft electrical systems.

#### Performance criteria

- 1.1 Aeronautical engineering safety precautions are applied to the maintenance of generic aircraft electrical systems.
- 1.2 Aeronautical engineering publications are interpreted and applied to the maintenance of generic aircraft electrical systems.

- 1.3 Aeronautical engineering documentation practices are applied to the maintenance of generic aircraft electrical systems.
- 1.4 Aeronautical engineering maintenance practices are applied to the maintenance of generic aircraft electrical systems.
- 1.5 Knowledge of aircraft electrical systems is applied to the maintenance of generic aircraft electrical systems.

---

<b>Planned review date</b>	31 December 2027
----------------------------	------------------

**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	24 October 2014	31 December 2021
Review	2	26 March 2020	N/A
Rollover and Revision	3	26 April 2024	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0028
--	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Comments on this unit standard**

Please contact Ringa Hora Services Workforce Development Council [qualifications@ringahora.nz](mailto:qualifications@ringahora.nz) if you wish to suggest changes to the content of this unit standard.