

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

Purpose	People credited with this unit standard are able to apply aeronautical engineering knowledge and skills to maintain generic aircraft electrical systems.
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Classification	Aeronautical Engineering > Aeronautical Engineering - Core
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Available grade	Achieved
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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.

Planned review date	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Status information and last date for assessment for superseded versions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	24 October 2014	31 December 2021
Review	2	26 March 2020	N/A

Consent and Moderation Requirements (CMR) reference	0028
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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 ServiceIQ qualifications@serviceiq.org.nz if you wish to suggest changes to the content of this unit standard.