

<b>Title</b>	<b>Apply avionic trade practices</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	<p>This is a core unit standard for people seeking employment in aeronautical avionic trades.</p> <p>People credited with this unit standard are able to apply avionic trade practices.</p>
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<b>Classification</b>	Aeronautical Engineering > Aeronautical Engineering - Core
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<b>Available grade</b>	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.

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### Outcomes and performance criteria

#### Outcome 1

Apply avionic trade practices.

#### Performance criteria

- 1.1 Communication is carried out using avionic related terminology.
- 1.2 Wiring and connectors are joined and/or terminated.  
Range solder, crimp.
- 1.3 Electromagnetic interference is prevented and/or controlled.
- 1.4 Electrostatic damage is avoided.

- 1.5 Avionic components and parts are fitted and removed.
- Range may include but is not limited to – circuit boards, line replaceable units (black boxes), wiring looms and harnesses.
- 1.6 Operation of replacement components and parts is tested.
- 1.7 Resistance, voltage, current, and insulation resistance are measured.
- 1.8 Electrical circuit diagrams are interpreted.

<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#### Status information and last date for assessment for superseded versions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	19 June 1995	31 December 2016
Revision	2	7 August 1997	31 December 2016
Revision	3	8 May 2001	31 December 2016
Review	4	20 April 2006	31 December 2016
Review	5	19 September 2013	31 December 2021
Review	6	26 March 2020	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	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 the ServiceIQ [qualifications@serviceiq.org.nz](mailto:qualifications@serviceiq.org.nz) if you wish to suggest changes to the content of this unit standard.