

1. Title	Avionic trade practices applying and defects locating	
2. Code	EMAMCM307A	
3. Range	Apply avionic trade practices and locate defects are usually done in a specialist bay or workshop	
4. Level	3	
5. Credit	9	
6. Competency	<u>Performance Requirement</u>	
	6.1 Apply avionic trade practices	<ul style="list-style-type: none"> ◆ Able to carry out communication using avionic related terminology in accordance with the procedures. ◆ Able to join and/or terminate the wiring and connectors in accordance with the procedures, e.g. solder, crimp. ◆ Able to prevent and/or control the electromagnetic interference in accordance with the procedures. ◆ Able to avoid the electrostatic damage in accordance with the procedures. ◆ Able to fit and remove the avionic components and parts in accordance with the procedures, e.g. circuit boards, line replaceable units (black boxes), wiring looms and harnesses. ◆ Able to test the operation of replaced components and parts in accordance with the procedures.
	6.2 Locate avionic defects	<ul style="list-style-type: none"> ◆ Able to measure the resistance, voltage, current, and insulation resistance in accordance with the procedures. ◆ Able to interpret the electrical circuit diagrams in accordance with the procedures.

7. Assessment Criteria	The integral outcome requirement of this UoC are: (i) Able to apply the avionic trade practices. (ii) Able to locate the avionic defects.
8. Remarks	Ref: NZQA - 3897