

Name of Assessed Person:

Registration:

**UNIT MEA295: Use Electrical Test Equipment to Perform Basic Electrical Tests on Aircraft and Components**

<b>1. Prepare Test Equipment to Perform Basic Electrical Tests</b>	a. Measurement of voltage and current	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Testing of aircraft and component continuity, resistance, insulation and bonding	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

**Performance Criteria:**

- 1.1 Select appropriate electrical test equipment and confirm with qualified person.
- 1.2 Check test equipment for serviceability and fit applicable leads where required.
- 1.3 Set applicable function and range of measurement and confirm with a qualified person.

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<b>2. Test component in accordance with enterprise procedures using electrical test equipment</b>	a. Measurement of voltage and current	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Testing of aircraft and component continuity, resistance, insulation and bonding	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

**Performance Criteria:**

- 2.1 Determine test points and polarity.
- 2.2 Measure required parameters using test equipment and observing work health and safety (WHS) requirements.

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<b>3. Finalise electrical test documentation</b>	a. Measurement of voltage and current	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Testing of aircraft and component continuity, resistance, insulation and bonding	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

**Performance Criteria:**

- 3.1 Record test results according to organisational procedures, under qualified person guidance.
- 3.2 Complete test documentation.

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**Registration:** \_\_\_\_\_

**Confirmation of Underpinning Knowledge and Skills to Use Electrical Test Equipment to Perform Basic Electrical Tests on Aircraft and Components**

A person cannot be assessed as competent until it can be demonstrated to the satisfaction of the workplace assessor that the relevant elements of this unit of competency are being achieved under routine supervision on at least one (1) item of each group listed in the assessment conditions a) to b) on at least three different aircraft components. Candidate capability of providing the required performance and knowledge evidence must be established via the records in the Log of Industrial Experience and Achievement or, where appropriate, an equivalent Industry Evidence Guide (for details refer to the Companion Volume Assessment Guidelines).

UNIT MEA295: Use Electrical Test Equipment to Perform Basic Electrical Tests on Aircraft and Components	Date / MTO Stamp
Evidence has been confirmed of the attainment of the following pre-requisite units of competency (as they are related to attainment of the elements of competency specified in this unit).  <p style="text-align: center;"><b>107, 154, 155, 156, 157, 158</b></p>	
Evidence has been confirmed of the knowledge requirements for this unit as delivered by a CASR 147 Approved Organisation.  <p style="text-align: center;"><b>OR</b></p> Assessment has been conducted to determine that the underpinning knowledge and skills have been achieved in accordance with the Competency Unit.	

**Certification of Unit Completion**

I certify that I have reviewed the certification of the elements for this competency unit and that all of the competency unit requirements have been met.

**Signed:** \_\_\_\_\_ **Assessor No.** \_\_\_\_\_ **MTO:** \_\_\_\_\_ **Date:** \_\_\_\_\_