

**Name of Assessed Person:**

**Registration:**

**UNIT MEASTR0008: Seal aircraft and aircraft component structural seams**

<b>1. Prepare to undertake seam sealing.</b>	a. Seal a representative range of aircraft and aircraft component structural seams.	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

**Performance Criteria:**

- 1.1 The seam sealing task is identified from maintenance documentation and enterprise procedures.
- 1.2 Applicable enterprise procedures, process specifications and maintenance publications are used to identify materials and tools to be used for seam sealing.
- 1.3 Aircraft or component identification is matched with relevant maintenance documentation.

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<b>2. Prepare seams for application of sealant.</b>	a. Seal a representative range of aircraft and aircraft component structural seams. (**Note 1)	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

**Performance Criteria:**

- 2.1 **Work health and safety (WHS) requirements** are identified and complied with and personal protective equipment (PPE) is checked for correct fit and function
- 2.2 Materials and tools required for sealant application are assembled.
- 2.3 Masking is applied in accordance with enterprise procedures and/or process specifications.
- 2.4 Seams are prepared for sealant application in accordance with enterprise procedures and/or process specifications.

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<b>3. Mix sealant.</b>	a. Seal a representative range of aircraft and aircraft component structural seams. (**Note 1)	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

**Performance Criteria:**

- 3.1 Environment is established in accordance with enterprise procedures and/or process specifications.
- 3.2 The applicable sealant is mixed in accordance with manufacturer's specifications while observing all relevant WHS requirements, including the use of material safety data sheets (MSDS) and items of PPE.

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<b>4. Apply sealant to seams.</b>	a. Seal a representative range of aircraft and aircraft component structural seams. (**Note 1)	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

**Performance Criteria:**

- 4.1 Sealant is applied in accordance with enterprise procedures and/or process specifications specifications while observing all relevant WHS requirements, including the use of MSDS and items of PPE.
- 4.2 The sealed seam is inspected and blemishes, voids or gaps are filled.
- 4.3 Masking materials are removed.
- 4.4 Waste and/or surplus materials are disposed of in accordance with **legislative, regulatory and enterprise procedures** .
- 4.5 Documentation is completed in accordance with standard enterprise procedures.
- 4.6 Aircraft or component, equipment and work area is left in a condition enabling the next task to begin.

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- State/Territory/Commonwealth WH&S Legislation, Regulations and Codes,
- Procedures Manual,
- Safety Manual,
- Work Instructions,
- Maintenance Organisation Manual,
- MSDS,
- Defence Regulations and Instructions and
- Standing Instructions.

**Common Surface Soils may include:**

- Paint
- Dirt
- Grease
- Oils
- Fuel
- Adhesives

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**Certification of Underpinning Knowledge and Skills to Seal aircraft and aircraft component structural seams**

A person cannot be assessed as competent until it can be demonstrated to the satisfaction of the workplace assessor that the relevant elements and performance criteria of the unit of competency are being achieved under routine supervision on a representative range of pre-treatment tasks performed at the enterprise. This shall 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 Implementation Guide).

<b>UNIT MEASTR0008: Seal aircraft and aircraft component structural seams</b>	
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).	
<b>107, 154, 155, 156, 157, 158</b>	
Evidence has been confirmed of the knowledge requirements for this unit as delivered by a CASR 147 Approved Organisation.	
<b>OR</b>	
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:** \_\_\_\_\_