

Name of Assessed Person:

Registration:

UNIT MEASTR0009: Remove light corrosion from aircraft

1. Identify corrosion damage.	a. Corrosion damage found and type identified (**Note 1)	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

Performance Criteria:

- 1.1 **Signs of corrosion** are identified through visual inspection.
- 1.2 **The type of corrosion** is identified.
- 1.3 The severity of corrosion damage is determined and damage more severe than light surface corrosion is documented and reported in accordance with standard enterprise procedures.

Signs of corrosion may include::

- Surface deformed,
- Paint blistered or flaked,
- Powder,
- Discolouration,.

The type of corrosion may include :

- Uniform etch,
- Pitting,
- Intergranular,
- Exfoliation.
- Filiform
- Galvanic

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2. Remove light corrosion.	a. Light corrosion removed using applicable mechanical and manual methods. (**Note 1)	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Light corrosion removed using applicable Chemical. (**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 The applicable corrosion removal method is selected in accordance with enterprise procedures
- 2.2 Work health and safety (WHS) requirements are identified and complied with and personal protective equipment (PPE) is checked for correct fit and function.
- 2.3 **Materials and tools** required for corrosion removal are assembled.
- 2.4 Surface is prepared and corrosion removed using the **selected removal method**.

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3. Clean area and equipment.	a. Light corrosion removed using applicable mechanical and manual methods. (**Note 1)	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Light corrosion removed using applicable Chemical. (**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 Surface is cleaned of all chemical residue and mechanical media, in accordance with enterprise procedures, ready for the next process.
- 3.2 Equipment is cleaned in accordance with enterprise procedures or manufacturer's instructions.
- 3.3 Equipment is checked for serviceability and unserviceable items are dealt with in accordance with enterprise procedures.
- 3.4 Waste material is removed and disposed of or stored in accordance with **legislative, regulatory and enterprise procedures**.
- 3.5 Documentation is completed in accordance with standard enterprise procedures.

Name of Assessed Person:**Registration:******Note 1:****Relevant WHS, Legislative, Regulatory and Enterprise Procedures requirements maybe identified from:**

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

Materials and tools include::

- Micro grinder
- Sanders
- Plastic media blasting equipment
- Abrasive pads
- Wet/dry abrasive papers
- Chemicals

Selected removal methods include:

- Light mechanical using micro grinder, sander or plastic
- Manual removal using wet/dry abrasive papers or
- Chemical

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Certification of Underpinning Knowledge and Skills to Pre-Treat Aluminium Alloy Surfaces

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 light corrosion removal tasks using applicable mechanical, manual and chemical removal methods as listed in the assessment conditions a) to b). 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).

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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).	
107, 154, 155, 156, 157, 158	
Evidence has been confirmed of the knowledge requirements for this unit as delivered by a CASR 147 Approved Organisation.	
OR	
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:** _____

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