


Name of Assessed Person:
Registration:
UNIT MEASTR0007: Pre-treat aluminium alloy surfaces


1. Prepare surfaces for application of chemical conversion coating	a. Pre-treat aluminium alloy surfaces during scheduled or unscheduled maintenance.	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Apply procedures, cleanliness requirements and safety precautions at all times, and as relevant to the surfaces being worked on.	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

Performance Criteria:


- 1.1 Identify required pre-treatment tasks from maintenance documentation and enterprise procedures
- 1.2 Identify required materials and tools from enterprise procedures or process specifications
- 1.3 Match aircraft or component identification to the correct maintenance documentation
- 1.4 Identify and comply with work health and safety (WHS) requirements and check personal protective equipment (PPE) for correct fit and function
- 1.5 Remove common surface soils and perform required water-break testing in accordance with enterprise procedures or process specifications
- 1.6 Complete masking on areas where pre-treatment is not required in accordance with identified requirements
- 1.7 Prepare aluminum alloy substrate for application of conversion coating in accordance with enterprise procedures or process specifications

	Trade Unit Certification Sheets	AA TT PRO 01a
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2. Apply chemical conversion coating	a. Pre-treat aluminium alloy surfaces during scheduled or unscheduled maintenance.	No. of Entries	1	2	3		
		Tail / Job No.					
		LAME Sign.					
		Date					
		Simulated	Yes	No	Yes	No	Yes
	b. Apply procedures, cleanliness requirements and safety precautions at all times, and as relevant to the surfaces being worked on.	No. of Entries	1	2	3		
		Tail / Job No.					
		LAME Sign.					
		Date					
		Simulated	Yes	No	Yes	No	Yes
Performance Criteria:							
2.1 Establish and maintain correct environment for conversion coating application in accordance with requirements 2.2 Apply required chemical conversion coating while observing all relevant WHS requirements, including using material safety data sheets (MSDSs) and items of PPE 2.3 Remove masking and leave aircraft or component in a suitable condition for the next task in accordance with standard enterprise procedures 2.4 Document completion of pre-treatment process in accordance with standard enterprise procedures							

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3. Clean up work area and maintain equipment	a. Pre-treat aluminium alloy surfaces during scheduled or unscheduled maintenance.	No. of Entries	1	2	3		
		Tail / Job No.					
		LAME Sign.					
		Date					
		Simulated	Yes	No	Yes	No	Yes
	b. Apply procedures, cleanliness requirements and safety precautions at all times, and as relevant to the surfaces being worked on.	No. of Entries	1	2	3		
		Tail / Job No.					
		LAME Sign.					
		Date					
		Simulated	Yes	No	Yes	No	Yes
Performance Criteria: 3.1 Collect and store materials that can be reused in accordance with enterprise procedures 3.2 Remove and dispose of or store waste materials in accordance with legislative, regulatory and enterprise procedures 3.3 Clean equipment in accordance with enterprise procedures or manufacturer's instructions while observing all relevant WHS requirements, including the use of MSDSs and items of PPE 3.4 Check equipment for serviceability and deal with unserviceable items in accordance with enterprise procedures 3.5 Clean and maintain tools in accordance with enterprise procedures 3.6 Clean work area and inspect for serviceable condition in accordance with enterprise procedures							

	Trade Unit Certification Sheets	AA TT PRO 01a
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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 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).

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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). <p style="text-align: center;">107, 154, 155, 156, 157, 158</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;">OR</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:** _____