



**Australian Government**

# **Assessment Requirements for MEASTR0007 Pre-treat aluminium alloy surfaces**

**Release: 1**

# Assessment Requirements for MEASTR0007 Pre-treat aluminium alloy surfaces

## Modification History

Release 1. Application changed. Elements and Performance Criteria changed. Foundation Skills made explicit. Range of Conditions removed, and relevant information moved to Assessment Requirements. Assessment Requirements clarified. Supersedes and is equivalent to MEA412 Pre-treat aluminium alloy surfaces.

## Performance Evidence

There must be evidence the candidate has completed all the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to:

- pre-treat aluminium alloy surfaces during scheduled or unscheduled maintenance on at least two occasions
- apply procedures, cleanliness requirements and safety precautions at all times, and as relevant to the surfaces being worked on.
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## Knowledge Evidence

There must be evidence the candidate has knowledge of:

- relevant enterprise procedures and/or process specifications, as outlined in:
  - Commonwealth, state and territory environmental legislation, regulations and codes for the storage and disposal of hazardous and toxic materials
  - material safety data sheets (MSDSs)
  - maintenance organisation manual
  - procedures manual
  - work instructions
  - relevant defence regulations and instructions
  - standing instructions
- work health and safety (WHS) procedures for aluminium alloy pre-treatment processes, including the use of personal protective equipment (PPE), as outlined in:
  - Commonwealth, state and territory WHS legislation, regulations and codes
  - procedures manual
  - safety manual
  - work instructions
  - maintenance organisation manual
  - MSDSs
  - defence regulations and instructions
  - standing instructions

- how to obtain MSDSs
- types of masking and barrier materials
- types of pre-treatment processes
- the environmental conditions that may affect coatings
- common types of surface soils, including:
  - paint
  - dirt
  - grease
  - oils
  - dust
  - adhesives
- environmental legislation and regulations relating to the storage, use and disposal of hazardous materials.
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## Assessment Conditions

The following conditions of assessment represent the requirements of the regulators (DASA and CASA) and maintenance stakeholders and must be rigorously observed.

Skills must have been demonstrated under routine supervision in the workplace or in a simulated environment that reflects workplace conditions and contingencies encountered in removing surface coatings from aircraft or aircraft components. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
  - workplace procedures, manufacturing specifications, codes, standards, manuals, and reference materials relevant to removing surface coatings from aircraft or aircraft components
  - materials, tools and equipment specified in the maintenance manuals and applicable procedures
  - general and special-purpose tools and items of ground support.

Evidence of tasks demonstrating competency must be recorded in a log of industrial experience and achievement.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

## Links

Companion Volume implementation guides are found in VETNet – -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ce216c9c-04d5-4b3b-9bcf-4e81d0950371>