



Australian Government

Assessment Requirements for MEASTR0006 Remove surface coatings from aircraft or aircraft components

Release: 1

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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 MEA411 Remove surface coatings from aircraft or aircraft components.

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:

- removed surface coatings from aircraft or aircraft components during scheduled or unscheduled maintenance on at least two occasions and including the use of chemical strippers
- select and use appropriate mechanical coating removal methods for the aircraft or aircraft components being worked on
- apply system testing procedures, cleanliness requirements and safety precautions at all times, and as relevant to the aircraft or aircraft components being worked on.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- relevant enterprise procedures and maintenance publications, including:
 - maintenance organisation manuals
 - procedures manuals
 - work instructions
 - standing instructions
- sources of legislative, regulatory and enterprise procedures for the removal of aerospace coatings, including fume extraction and the use of personal protective equipment (PPE), including:
 - Commonwealth, state and territory work health and safety (WHS) legislation, regulations and codes
 - procedures manuals
 - safety manuals
 - work instructions
 - maintenance organisation manuals
 - material safety data sheets (MSDSs)
 - standing instructions

- Commonwealth, state and territory environmental legislation, regulations and codes for the storage and disposal of hazardous and toxic materials
- how to obtain MSDSs
- types of chemicals used for coating removal and methods of application
- types of materials and tools required for removing surface coatings, including:
 - masking tapes and barrier materials
 - chemicals
 - abrasives
 - grinders
 - scrapers
 - paint stripper application pumps
 - blasting equipment
 - cleaning material
- mechanical methods that can be used for coating removal
- environmental requirements that may affect removing surface coatings, including:
 - noise
 - dust
 - fume extraction
 - clean-up management
- cleaning methods following coating removal
- 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 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>