



**Australian Government**

**Assessment Requirements for MEA411  
Remove surface coatings from aircraft or  
aircraft components**

**Release: 2**

# Assessment Requirements for MEA411 Remove surface coatings from aircraft or aircraft components

## Modification History

Release 2. Equivalent to MEA411 Remove surface coatings from aircraft or aircraft components with amended prerequisite codes.

## Performance Evidence

Evidence required to demonstrate competency in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria under the specified conditions of assessment, and must include:

- applying WHS procedures relating to coating removal, including the selection and correct use of PPE
- selecting and applying masking and barrier materials
- selecting and using chemical strippers
- using MSDS
- selecting and using applicable mechanical coating removal methods
- cleaning of surfaces following coating removal
- correctly disposing of waste materials
- cleaning and maintenance of equipment and tools.

It is essential that system testing procedures, cleanliness requirements and safety precautions, including the correct use of PPE, and application of environmental protection procedures are fully observed, understood and complied with. Ability to interpret coating removal procedures and apply them in practice is critical.

Evidence of transferability of skills and knowledge related to coating removal is essential. This is to be demonstrated through application of chemical and mechanical coating removal processes across a range of aircraft and component tasks.

## Knowledge Evidence

Evidence required to demonstrate competency in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- relevant enterprise procedures and maintenance publications
- WHS procedures relating to the removal of aerospace coatings, including PPE and fume extraction
- how to obtain MSDS
- types of chemicals used for coating removal and methods of application
- mechanical methods that can be used for coating removal
- types of masking and barrier materials
- cleaning methods following coating removal

- environmental legislation and regulations relating to the storage, use and disposal of hazardous materials.

## Assessment Conditions

- Competency should be assessed in the workplace or simulated workplace using materials, tools and equipment specified in the maintenance manuals and applicable procedures. It is also expected that general and special-purpose tools and ground support equipment would be used where appropriate.
- The work plan should take account of applicable safety and quality requirements in accordance with the industry and regulatory standards.
- The following conditions of assessment represent the requirements of the Regulators (ADF and CASA) and maintenance stakeholders and must be rigorously observed.
- 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 the range of coating removal tasks that are applicable to the enter[prise].
- 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 Assessment Guidelines).
- Assessors must satisfy the requirements of the National Vocational Education and Training Regulator (Australian Skills Quality Authority, or its successors).

## Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=ce216c9c-04d5-4b3b-9bcf-4e81d0950371>