



Australian Government

MEASTR0009 Remove light corrosion from aircraft

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 MEA414 Remove light corrosion from aircraft.

Application

This unit describes the skills and knowledge required to remove light corrosion from the surfaces of fixed and rotary wing aircraft structure.

The unit is used in workplaces that operate under the airworthiness regulatory systems of the Civil Aviation Safety Authority (CASA) and the Defence Aviation Safety Authority (DASA).

Any other relevant legislation, industry standards and codes of practice within Australia must be applied.

Pre-requisite Unit

MEA107 Interpret and use aviation maintenance industry manuals and specifications

MEA154 Apply work health and safety practices in aviation maintenance

MEA155 Plan and organise aviation maintenance work activities

MEA156 Apply quality standards during aviation maintenance activities

MEA157 Complete aviation maintenance industry documentation

MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance

Competency Field

Aviation maintenance

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Identify corrosion damage	1.1 Identify signs of corrosion through visual inspection 1.2 Identify the type of corrosion to inform removal method selection 1.3 Determine severity of corrosion damage and document and report on damage more severe than light surface corrosion in accordance with standard enterprise procedures

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
2. Remove light corrosion	2.1 Select required corrosion removal method in accordance with enterprise procedures 2.2 Identify and comply with work health and safety (WHS) requirements and check personal protective equipment (PPE) for correct fit and function 2.3 Assemble required materials and tools for corrosion removal in accordance with standard enterprise procedures 2.4 Prepare surface and remove corrosion using the selected removal method
3. Clean area and equipment	3.1 Clean surface of all chemical residue and mechanical media, in accordance with enterprise procedures, ready for the next process 3.2 Clean equipment in accordance with enterprise procedures or manufacturer's instructions 3.3 Check equipment for serviceability and deal with unserviceable items in accordance with enterprise procedures 3.4 Remove and dispose of or store waste materials in accordance with legislative, regulatory and enterprise procedures 3.5 Complete required documentation in accordance with standard enterprise procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

- Reading skills to interpret maintenance manuals and light corrosion removal procedures.
- Writing skills to complete documentation.
- Numeracy skills to interpret technical information.

Other foundation skills essential to performance are explicit in the performance criteria of this unit.

Unit Mapping Information

Release 1. Supersedes and is equivalent to MEA414 Remove light corrosion from aircraft.

Links

Companion Volume implementation guides are found in VETNet – -

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