



Australian Government

Assessment Requirements for MEASTR0008 Seal aircraft and aircraft component structural seams

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 MEA413 Seal aircraft and aircraft component structural seams.

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:

- seal aircraft and aircraft component structural seams 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, process specifications and maintenance publications, including:
 - Commonwealth, state and territory environmental legislation, regulations and codes for the storage and disposal of hazardous and toxic materials
 - material safety datasheets (MSDSs)
 - maintenance organisation manuals
 - procedures manuals
 - work instructions
 - relevant Defence regulations and instructions
 - standing instructions
- work health and safety (WHS) procedures for seam sealing, including the selection and use of personal protective equipment (PPE), and those outlined in the following:
 - Commonwealth, state and territory WHS legislation, regulations and codes
 - procedures manuals
 - safety manuals
 - work instructions
 - maintenance organisation manuals
 - MSDSs
 - defence regulations and instructions

- standing instructions
- how to obtain MSDSs
- types of sealants used for seam sealing
- types of masking materials
- the environmental conditions that may affect seals and sealants
- 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 Defence Aviation Safety Authority (DASA), Civil Aviation Safety Authority (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.

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>