



Australian Government

**Assessment Requirements for
MEAMEC0026 Maintain aircraft basic
hydraulic and pneumatic components or
component parts**

Release: 1

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Modification History

Release 1. Application changed. 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 MEA329 Maintain aircraft basic hydraulic and pneumatic components or parts.

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:

- maintain components from each of the following groups:
 - hoses
 - pipes
 - simple check or shutoff valves
 - basic hydraulic and pneumatic actuators and valves
- follow the instructions provided by qualified persons and relevant documentation for the disassembly, routine replacement of component parts and seals and reassembly of components
- under guidance and in the training environment, make post-assembly adjustments, including length of stroke or operating pressure
- under guidance and in the training environment, perform simple tests involving pressure and function
- where post-assembly testing is applicable, set up components for testing and demonstrate understanding of the test procedures.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- component operation at a basic level
- standard and routine repair procedures and processes, including work health and safety (WHS)
- how to obtain material safety data sheets (MSDSs)
- use of personal protective equipment (PPE).
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Assessment Conditions

The following conditions of assessment represent the requirements of the regulators Defence Aviation Safety Authority (DASA) and 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 maintaining aircraft basic hydraulic and pneumatic components or component parts. 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 maintaining aircraft basic hydraulic and pneumatic components or component parts
 - components, parts, tools and equipment specified in maintenance documentation
 - general- and special-purpose tools found in most routine situations.

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>