



Australian Government

**Assessment Requirements for
MEAMEC0053 Perform borescope
inspections**

Release: 1

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Modification History

Release 1. Application changed. Performance Criteria changed. Foundation Skills made explicit. Assessment Requirements clarified. Supersedes and is equivalent to MEA366 Perform borescope inspections.

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit and demonstrated the ability to inspect borescopes at least two inspection events.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- types of borescopes and their applications
- how to assemble borescope equipment and prepare it for use
- use of associated imaging and recording equipment, including video and digital camera
- sources and uses of maintenance data to identify borescope inspection requirements, including:
 - borescope user manuals
 - engine maintenance manuals
 - servicing schedules
 - regulatory requirements, such as Airworthiness Directives or Special Technical Instructions
- borescope inspection techniques, safety, reporting and recording requirements
- types of borescope equipment, including:
 - rigid optical borescopes
 - flexible optical borescopes
 - video borescopes
 - camera attachments for optical borescopes
 - remote engine rotation equipment
- defect assessment techniques
- borescope maintenance and storage requirements.

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 performing borescope inspections. 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 performing borescope inspections
 - tools and equipment specified in maintenance documentation.
 - general-purpose tools and test equipment 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>