



Australian Government

Assessment Requirements for AVIF0049 Utilise emergency breathing systems

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the AVI Aviation Training Package.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions on at least one occasion and include:

- conducting emergency breathing systems (EBS) malfunction and defect management and reporting procedures
- conducting inspection of EBS after use
- conducting pre-flight inspection of the EBS in accordance with manufacturer instructions and workplace procedures to assess for :
 - leaks
 - pressure
 - secure installation
 - visible signs of damage
- conducting purging techniques for EBS must include:
 - blow-out
 - combination of blow-out and purge button
 - purge button
- implementing contingency plans in the event of a malfunction, including:
 - free flow
 - out of air
- implementing EBS operating procedures
- performing safe underwater breathing techniques
- preparing for flight with EBS.

Knowledge Evidence

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

- differences in EBS equipment and operating environments
- EBS malfunctions, defects and problems, including their management and workplace

reporting procedures including:

- flooding (continual flow)
- free flow
- out of air
- EBS operating procedures including purging and underwater breathing techniques
- EBS pre- and post-use inspection procedures
- manufacturer instructions for EBS equipment
- regulations, workplace policies and procedures in relation to EBS
- risks and hazards that exist when utilising EBS and related risk control procedures and precautions.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations
- applicable documentation, including workplace procedures, regulations, codes of practice and operation manuals
- relevant materials, tools, equipment and PPE currently used in industry.

Links

Companion Volume Implementation Guides are found in VETNet' -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=4725260a-0af3-4daf-912b-ef1c2f3e5816>