



Australian Government

Assessment Requirements for PUA FIR007 Operate aerial drip torch

Release: 1

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Modification History

Release 1.0 This is the first release of this unit of competency in the PUA Public Safety Training Package.

Performance Evidence

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

- adhering to safe working practices if aerial drip torch malfunctions
- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) organisational requirements including aircraft or other emergency procedures and requirements for personal protective clothing and equipment
- checking and wearing of personal protective clothing and equipment
- conducting aerial drip torch operations
- demonstrating pre-flight testing and installation, where required, of an aerial drip torch
- ensuring gelled petroleum is mixed and loaded into aerial drip torch in accordance with organisational procedures
- implementing regulatory requirements for storage and handling of dangerous goods
- maintaining and storing the aerial drip torch within scope of authority and in accordance with regulatory requirements
- operating aerial drip torch from an airborne aircraft
- operating for extended periods in an aircraft
- preparing aerial drip torch
- reporting aerial drip torch malfunctions, accidents and incidents
- using communications equipment
- working as a member of a team.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria and includes knowledge of

- aircraft operator's policy and procedures for aerial drip torch operations
- aircraft safety and emergency procedures
- characteristics and limitations of aerial drip torch and gelled petroleum
- emergency procedures for aerial drip torch malfunction
- guidelines relating to safe use of aerial drip torch
- methods for disposal of excess gelled petroleum

- organisational policies and procedures including for working in aerial ignition operations and for use of an aerial drip torch
- personal protection clothing and equipment for operating an aerial drip torch
- regulatory and organisational requirements for storage and transport of dangerous goods
- risk mitigation and hazard identification
- roles and responsibilities of team involved in aerial drip torch operations
- Team Resources Management (TRM) principles
- Work Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements.

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 operational situations or in simulated operational training situations that reflect 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 exercises, case studies and/or simulations
- appropriate materials, equipment and tools currently used in industry including
 - aerial drip torch and gelled petroleum
 - an area to conduct operations
 - appropriate tools for maintaining an aerial drip torch where within scope of authority
 - helicopter authorised to fly with an aerial drip torch
 - personal protective clothing and equipment for operating an aerial drip torch
 - safe disposal facilities for unused gelled petroleum
 - safe transport of aerial drip torch equipment and consumables in accordance with relevant dangerous goods codes
- applicable documentation including organisational procedures, standards, equipment specifications, regulations, codes of practice and operational manuals.

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=3eca5672-6d5a-410b-8942-810d0ba05bbf>