



Australian Government

Assessment Requirements for PUA FIR008

Operate aerial ignition equipment in an aircraft

Release: 1

Assessment Requirements for PUAFIR008 Operate aerial ignition equipment in an aircraft

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 machine or ignition equipment malfunctions
- applying organisation procedures for aerial ignition
- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) organisational requirements including aircraft or other emergency procedures
- checking and wearing of personal protective clothing and equipment
- conducting aerial ignition operations using approved ignition equipment and consumables
- demonstrating pre-flight testing and installation, where required, of aerial ignition equipment
- operating for extended periods in an aircraft
- operating ignition equipment from an airborne aircraft
- preparing and maintaining ignition equipment
- receiving briefing from pilot on aircraft safety
- reporting equipment malfunctions, accidents and incidents
- servicing, maintaining, repairing and storing equipment and consumables
- shutting down or isolating ignition equipment
- using communications equipment
- using ignition 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 ignition
- aircraft safety and emergency procedures
- characteristics and limitations of ignition equipment and consumables
- consumables such as capsules containing potassium permanganate and ethylene glycol (antifreeze)
- emergency procedures for equipment malfunction
- guidelines relating to safe use of ignition equipment used by organisation

- mechanical knowledge sufficient to service, maintain and repair aerial ignition equipment
- methods for disposal of excess consumables
- organisational policies and procedures for aerial ignition
- personal protection clothing and equipment for operating the aerial ignition equipment
- requirements for packing and transporting aerial ignition equipment and consumables
- risk mitigation and hazard identification
- roles and responsibilities of team involved in aerial ignition operations
- Team Resources Management (TRM) principles
- types and applications of aerial ignition equipment
- Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) organisational 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 will take place in a simulated environment followed by an assessment by an accredited operator on the job.

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 ignition equipment and consumables
 - an aircraft
 - an area to conduct operations
 - personal protective clothing and equipment and relevant safety equipment
 - safe disposal facilities
 - suitable tools for testing, maintenance and inspection of equipment
 - transport of consumables and ignition equipment
- applicable documentation including organisational procedures, industry standards, equipment specifications, regulations, codes of practice and operation manuals.

Links

Companion Volume Implementation Guides are found in VETNet -

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

