



Australian Government

Assessment Requirements for PUA FIR303 Suppress wildfire

Release: 1

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Modification History

Release 1. 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, performance criteria and range of conditions on at least one occasion and includes

- anticipating and reacting to changing wildfire behaviour
- applying Work Health and Safety (WHS)/Occupational Health and Safety (OHS) organisational requirements
- assessing risk to life, property and the environment
- contributing to the implementation of firefighting strategies
- combating wildfires, performing firefighting tactics, and using firefighting equipment and extinguishing media
- communicating and working with team members
- conducting mop ups and patrol activities
- detecting hot spots and hazardous trees
- implementing and monitoring firefighting strategies and tactics
- interpreting fire weather, fuels and terrain and predicting likely impact on fire behaviour
- maintaining safety and health of self, other workers and people in a wildfire area
- participating in briefings and confirming instructions
- preparing to respond to wildfires, using navigation equipment
- proceeding to wildfires
- receiving, recording and reporting information

Knowledge Evidence

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

- crew protective procedures
- access to wildfires
- recognition of environmentally sensitive areas and actions to minimise damage
- escape routes including prepared tracks, roads, trails and waterways
- fire behaviour and its response to different fuels, topography and weather conditions
- fire cause

- fireground hazards
- fire report requirements
- fuel types and factors that impact fire development
- media and equipment for firefighting
- means of transport to fire ground
- navigational aids including aerial photographs, compass, global positioning systems and maps
- organisational documentation, policies and procedures
- potential fire behaviour including fire development, flame height and intensity, fuel load and arrangement, rate of speed, spotting, change due to terrain, topography, changes due to weather conditions, winds and fire winds.
- protective procedures including alerts and warnings, insitu protection and relocation
- safety zones including bare ground, burnt areas, clearings, rivers, site of recent wildfire or prescribed burns and static water bodies
- strategies for firefighting including offensive strategies including direct attack, indirect attack, parallel attack and combined attack and defensive strategies including community and asset protection
- tactics for firefighting including back burning and burning out, control line construction - hand and machine and direct suppression and extinguishment
- tasks for firefighting including application of firefighting media, control line construction, mopping up and patrol
- topographical factors that affect fire development
- types of fires including crown, ground and surface
- types of assets that require protection
- weather factors that influence fire development
- Work Health and Safety (WHS)/Occupational Health and Safety (OHS) organisational requirements including risk mitigation and safety near vehicles and machines

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment.

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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.

Assessment must occur in workplace operational situations. Where this is not appropriate, assessment must occur in industry approved simulated workplace operational situations that reflect workplace conditions.

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Resources for assessment must include access to

- a range of relevant exercises, case studies and/or simulations
- relevant and appropriate materials, equipment, tools and personal protective clothing and equipment currently used in industry including
 - access to wildfire or prescribed burns and/or approved field based environment
 - firefighting equipment and extinguishing media
- applicable documentation including organisational procedures, industry standards, equipment specifications, regulations, codes of practice and operation manuals.

Links

PUA Training Package Companion Volume Implementation Guide is found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=3eca5672-6d5a-410b-8942-810d0ba05bbf>