



Australian Government

Assessment Requirements for PUA FIR402 Conduct simple prescribed burns

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

- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements including hazards, risk mitigation and safety of personnel
- checking burn and crew activities
- completing burn notifications
- concluding burn operations and implementing burn security
- conducting operational briefings and debriefings, safe burns utilising resources and post burn activities including operations and security
- confirming resources, location, construction and suitability of control lines for prescribed burns
- identifying and implementing restoration and rehabilitation activities
- implementing contingency arrangements
- interpreting and implementing simple prescribed burn plans
- interpreting simple prescribed burn plans and objectives, fire behaviour conditions and existing and forecast weather conditions
- monitoring equipment
- planning for contingencies
- preparing for a simple prescribed burn
- recording actions taken
- using fire prediction tools and resources

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

- briefing and debriefing content and processes
- burn notification including verbal and written notification
- characteristics of a simple prescribed burn including completed in one shift, involves

minimal variation of fuels and terrain, low intensity, low potential impact on assets, low risk and small area

- conclusion of simple prescribed burns including operations and security
- contingency arrangements including command structure, safety considerations such as escape routes and safety zones, actions to take in the event of unexpected fire behaviour changes, resolution of escapes, special resources and secondary control lines, resource requirements, resolution of resource breakdowns, injury on fire line and burn targets not met
- contingency plans
- fire prediction tools
- ground ignition patterns and techniques
- impact of conditions at simple prescribed burns on potential fire behaviour
- legislation, industry standards, codes of practice and regulations
- legislative and organisational authorisations required
- organisational documentation, policies and procedures
- outcomes of simple prescribed burn
- personnel and organisations involved in simple prescribed burn activities
- required permits
- resource requirements
- restoration and rehabilitation
- seasonal restrictions on simple prescribed burns
- simple prescribed burn and securing burn monitoring
- techniques, patterns and sequencing for lighting
- types of property and assets
- types of simple prescribed burns, prescribed burn plans and objectives
- weather conditions including: temperature, relative humidity, weather changes, atmospheric stability, drought index, fire danger index, weather forecasts, actual or anticipated changes in conditions and progress targets not met
- Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) organisational requirements including risk mitigation and safe work practices

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.

Competency should be demonstrated in a range of actual and/or field based workplace environments with evidence collected from undertaking a simple prescribed burn being required.

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
 - fire management and contingency plans
 - lighting and suppression crews
 - lighting and suppression equipment
 - simple prescribed burn plans
- 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>