



Australian Government

PUAFIR201 Assist with prescribed burning

Release: 1

PUAFIR201 Assist with prescribed burning

Modification History

Release 1. This is the first release of this unit of competency in the PUA Public Safety Training Package.

Application

This unit of competency involves the skills and knowledge required to assist with prescribed burning for agricultural, natural resource purposes or hazard mitigation.

Prescribed burning is the process of planning and applying fire to a predetermined area under specific environmental conditions to achieve a desired outcome. It requires the ability to assist with preparations for the burn, support the conduct of the burn and participate in clean up activities.

The unit applies to personnel participating in lighting and conducting prescribed burns under direct supervision.

The fire sector is those sections of government departments, statutory authorities or organisations that have responsibility under jurisdictional arrangements for the delivery of firefighting and fire management services.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

It is essential that the prerequisite units listed below are obtained prior to the issuance of this unit to individuals within the fire sector or the units contributing to the attainment of a fire qualification.

PUAFIR210 Prevent injury

Competency Field

Fire

Unit Sector

Fire

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1 Assist with preparations for burn

- 1.1** Ignition devices and fire equipment to be used in the burn are prepared for use, as directed
- 1.2** Safety equipment including personal protective equipment, is checked and prepared for use
- 1.3** Location and extent of the burn is discussed and clarified with supervisor
- 1.4** Strategies and tactics for conducting the burn, including contingency plans are obtained in a briefing and clarification is sought, if required
- 1.5** Assets requiring protection during the burn are recognised and noted
- 1.6** Personal role, crew activities and extent of the burn are checked with supervisor

2 Participate in conducting burn

- 2.1** Assistance with pre-burn checks is provided, as directed by supervisor
- 2.2** Burn ignition activities are undertaken using ignition devices, as directed
- 2.3** Ignition patterns suitable for burn objectives are implemented, as directed
- 2.4** Fire suppression activities are undertaken using suppression equipment, in accordance with organisational procedures
- 2.5** Problems or concerns during the burn are raised with supervisor
- 2.6** Communication is maintained with team members and supervisor at all times, in accordance with organisational procedures
- 2.7** Conditions at the burn are observed and their effect on fire behaviour and development are reported to supervisor
- 2.8** Safe escape route or refuge is discussed and maintained, in accordance with organisational procedures

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| | 2.9 | Personal protective clothing and equipment is utilised throughout the burn, in accordance with organisational procedures |
| | 2.10 | Burn perimeter is made safe, in accordance with burn plan |
| | 2.11 | Hazards remaining in the burn area are reported to supervisor |
| | 2.12 | Burn debriefing is participated in |
| 3 Participate in clean up and burn security | 3.1 | Clean up and burn security activities are carried out as directed |
| | 3.2 | Personal protective clothing and equipment is cleaned and returned to storage |
| | 3.3 | Equipment used in the burn is cleaned, maintained and returned to storage |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the Companion Volume Implementation Guide.

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| ignition devices must include one or more of the following | <ul style="list-style-type: none"> • drip torch • incendiary devices • matches |
| fire suppression equipment must include one or more of the following | <ul style="list-style-type: none"> • hand tools • hose • knapsack • other burn preparation equipment • small gear pump • tanker |
| clean up and burn security activities must include one or more of the following | <ul style="list-style-type: none"> • burn security activities • maintenance of ignition equipment • maintenance of personal protective clothing and equipment |

- maintenance of suppression equipment
- use of vehicles to patrol until the burn is declared safe

Unit Mapping Information

This unit replaces and is equivalent to PUAFIR213 Assist with prescribed burning.

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>

Assessment Requirements for PUAFIR201 Assist with prescribed burning

Modification History

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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

- aiding clean up activities
- assisting with preparations for prescribed burn including undertaking pre-burn checks
- assisting in lighting a burn using the relevant equipment
- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements
- communicating with supervisor and team members
- discussing safe escape routes and refuges
- following directions and responding to instructions given during a prescribed burn
- participating in conducting prescribed burn including recognition of assets requiring protection
- participating as a team member using safe work practices
- participating in briefings and debriefings
- using equipment in burn preparation and suppression activities
- undertaking clean up and burn security activities
- working with personal protective clothing and equipment

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

- assets requiring protection
- clean up activities and burn security activities
- fire hazards
- impact of conditions at prescribed burns on potential fire behaviour including weather, terrain and fuel characteristics
- organisational documentation, policies and procedures
- personal protective clothing and equipment

- types of burn ignition devices and techniques
- types of preparation and burn suppression equipment and techniques
- Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) organisational requirements including risk mitigation and working safely around fires

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.

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
 - burn preparation suppression equipment
 - ignition equipment
 - range of controlled fires or prescribed burns
- applicable documentation including organisational procedures, industry standards, equipment specifications, regulations, codes of practice and operation manuals.

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