

Modification history

| Release | Comments |
|-----------|---|
| Release 1 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 5.0. |

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| AHCFIR3XX | Conduct prescribed burning |
| Application | <p>This unit of competency describes the skills and knowledge required to conduct and lead the on-ground operations for closed-edge prescribed burning for conservation and land management purposes.</p> <p>The unit applies to individuals who work under broad direction and take responsibility for their own work including limited responsibility for the work of others. They use discretion and judgement in the selection and use of available resources.</p> <p>No licensing, legislative or certification requirements apply to this unit at the time of publication.</p> |
| Prerequisite Unit | Nil |
| Unit Sector | Fire (FIR) |

| Elements | Performance Criteria |
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| <i>Elements describe the essential outcomes.</i> | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i> |
| 1. Coordinate on-ground preparations for prescribed burn | 1.1 Confirm burn plan with supervisor/burn coordinator 1.2 Confirm contingency plan and communicate to all personnel 1.3 Ensure permits are available and valid according to legislative requirements and workplace procedures 1.4 Issue planned burn advice to stakeholders 1.5 Identify, assemble and check resources required with work team 1.6 Establish and check control lines according to burn plan 1.7 Identify and implement controls to protect assets 1.8 Monitor weather conditions and notify supervisor when conditions are unfavourable for burn 1.9 Deliver the burn day operational briefing to work team 1.10 Identify health and safety hazards, assess risk and implement controls according to workplace procedures |
| 2. Conduct a prescribed burn | 2.1 Coordinate the deployment of resources for burn 2.2 Select, check and use personal protective equipment 2.2 Issue day-of-burn notifications to stakeholders 2.3 Conduct pre-burn checks 2.4 Implement fire ignition procedures to commence burn according to burn plan and workplace procedures 2.5 Monitor burn progress and implement operational changes to ensure burn stays within burn plan objectives 2.6 Conclude burn operations 2.7 Coordinate mopping up activities 2.8 Keep records according to workplace and legislative requirements 2.9 Maintain communications with supervisor/burn coordinator and work team throughout burn according to workplace communications procedures |
| 3. Conduct post burn activities | 3.1 Assess and report outcomes of prescribed burn 3.2 Report variations from burn plan according to workplace procedures 3.3 Conduct a debrief of prescribed burn with work team |

Commented [RB1]: What is involved in this?

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| Foundation Skills | |
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| <i>This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.</i> | |
| Skill | Description |
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| | • |
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Commented [RB2]: RB to complete after confirmation of Performance Criteria

| Unit Mapping Information | | | |
|---------------------------------|---------------------------------|----------|--------------------|
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| [SI Text] | New | New | No equivalent unit |

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| Links | Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72 |
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| TITLE | Assessment requirements for AHCFIR3XX Conduct prescribed burning |
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| Performance Evidence | |
| <p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that the individual has on at least one occasion coordinated a work team and implemented a prescribed burn according to a burn plan.</p> <p>There must also be evidence that the individual has:</p> <ul style="list-style-type: none"> • maintained communication with work team, stakeholders and supervisor throughout the burn • interpreted burn plan and ensured compliance with legislative and regulatory requirements • identified and assembled resources with work team • coordinated burn-day logistics • monitored weather using on-ground instruments and weather services and notified supervisor of adverse conditions • record weather conditions and burn activities according to workplace requirements • coordinate on-ground burn activities and mop-up activities • coordinate demobilisation, cleaning, maintenance and storage of resources • assess and report burn outcomes. | |
| Knowledge Evidence | |
| <p>An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:</p> <ul style="list-style-type: none"> • burn planning and supervision processes • prescribed burning regulation • weather and forecasting • fuel assessments • fire behaviour • extinguishing media and equipment • a range of firefighting equipment and resources • communication equipment and procedures • comprehensive burning tactics and techniques for closed-edge burning • techniques for protection of assets • methods for monitoring burn operations • principles and practice for mop-up operations • fire hazards and standard techniques for managing risk on fire-grounds • organisation's operating procedures for prescribed burning • contingency plans and emergency procedures • workplace procedures for reporting on prescribed burns. | |
| Assessment Conditions | |
| <p>Assessment of skills must take place under the following conditions:</p> <ul style="list-style-type: none"> • physical conditions: <ul style="list-style-type: none"> • skills must be demonstrated on a fire ground undoing a prescribed burn • resources, equipment and materials: <ul style="list-style-type: none"> • fire control tools and equipment • ignition devices • use of specific items of personal protective equipment] • specifications: <ul style="list-style-type: none"> • use of specific workplace documents such as policies, procedures, processes, forms] • use of workplace instructions and prescribed burn plan • relationships: <ul style="list-style-type: none"> • work team | |

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| Assessment Conditions |
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- supervisor/burn coordinator

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

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