



Australian Government

AHCFIR202 Assist with planned burning

Release: 1

AHC FIR202 Assist with planned burning

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 6.0.

Application

This unit of competency describes the skills and knowledge required to assist with planned burning for agricultural or natural resource management purposes.

The unit applies to individuals who participate in lighting and undertaking planned burns under direct supervision. They exercise limited autonomy within established and well known parameters, providing solutions to a limited range of predictable problems.

Legislation and regulations apply to planned burns in many jurisdictions. Users are advised to check with the relevant regulatory authority.

Pre-requisite Unit

Nil

Unit Sector

Fire (FIR)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Assist with preparations for the burn	1.1 Prepare machinery and equipment required for burn 1.2 Check and prepare safety equipment and personal protective equipment 1.3 Interpret instructions for planned burn and contingencies 1.4 Identify assets and values requiring protection during burn 1.5 Clarify personal role and activities during burn with supervisor

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.6 Discuss and clarify location and extent of burn
2. Support conduct of burn	2.1 Provide assistance with pre-burn checks 2.2 Use personal protective equipment throughout burn 2.3 Follow workplace health and safety policies and procedures and workplace operating procedures throughout burn 2.4 Identify and maintain safe escape routes according to instructions 2.5 Raise problems or concerns during the burn with supervisor 2.6 Maintain communication at all times 2.7 Observe changes in conditions at fire, and report effect on fire behaviour and development to burn supervisor 2.8 Observe and record weather 2.9 Use fire suppression techniques to extinguish fires according to workplace requirements
3. Participate in clean-up activities	3.1 Carry out cleaning-up activities according to instructions and workplace procedures 3.2 Clean and store personal protective equipment, machinery and equipment

Foundation Skills

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.

Skill	Description
Reading	Interpret, consolidate and check completeness and accuracy of instructions for planned burns
Oral communication	Use concepts and terminology appropriate to the fire ground when communicating and reporting to supervisor

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCFIR202 Assist with planned burning	AHCFIR201 Assist with prescribed burning	Change to unit title and Application Minor changes to Performance Criteria for clarity Updated Foundation Skills	Equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHC FIR202 Assist with planned burning

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 6.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that, on at least two occasions, the individual has assisted with a planned burn, and has:

- interpreted and complied with planned burn instructions
- prepared machinery and equipment to workplace requirements before burning
- monitored weather conditions throughout the burn
- used personal protective equipment during the planned burn, and checked, cleaned and stored on completion
- identified and maintained at least two safe escape routes throughout the burn
- maintained communication with supervisor and other staff at all times
- assisted with clean-up operations according to supervisor instructions to workplace standards
- applied workplace health and safety procedures throughout the burn.

Knowledge Evidence

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:

- the components of fire and its behaviour
- methods for extinguishing fires, including:
 - media
 - equipment
- methods of communication on the fire ground, including:
 - communication equipment
 - procedures
- controlled burning tactics and techniques
- identification of assets requiring protection during a burn, including:

- life and property
- critical infrastructure and community assets
- assets supporting livelihoods and economic production
- environmental and conservation assets
- community values
- hazards and risk management techniques during planned burns, including:
 - effect of topography
 - vegetation types
 - site-specific hazards
 - control lines
- operating procedures for planned burns, including contingency arrangements and emergency procedures
- purpose and use of personal protective equipment
- workplace health and safety policies and procedures relevant to planned burning
- key concepts of workplace health and safety and environmental legislative and workplace requirements.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated on an actual fire ground requiring a planned burn
- resources, equipment and materials:
 - fire suppression equipment suited to planned burns
 - use of personal protective measures relevant to working with fire
- specifications:
 - instructions, policies and procedures for conducting planned burns
- relationships:
 - team members
 - supervisor
 - stakeholders.

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

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>