Modification history

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| Release | Comments |
| Release 3 | This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 5.0. |
| Release 2 | This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 2.0. |
| Release 1 | This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 1.0. |

| AHCFIR201 | Assist with prescribed burning |
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| Application | This unit of competency describes the skills and knowledge required to assist with prescribed burning for agricultural or natural resource management purposes.  The unit applies to individuals who participate in lighting and conducting prescribed burns under direct supervision. They exercise limited autonomy within established and well known parameters, providing solutions to a limited range of predictable problems.  No licensing, legislative or certification requirements are known to apply to this unit at the time of publication. |
| Prerequisite Unit | Nil |
| Unit Sector | Fire (FIR) |

| 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 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 requiring protection during burn  1.5 Clarify personal role and activities during burn with supervisor  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 Wear personal protective equipment throughout burn  2.3 Follow work health and safety policies and procedures and workplace operating procedures throughout burn  2.4 Identify and maintain a safe escape route at all times  2.5 Raise problems or concerns during the burn with supervisor  2.6 Maintain communication at all times  2.7 Observe environmental conditions at fire and report effect on fire behaviour and development  2.8 Observe and report weather conditions and effect on fire behaviour  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. | |
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| Skill | Description |
| Reading | * Interprets, consolidates and checks completeness and accuracy of instructions for planned burns |
| Oral communication | * Uses concepts and terminology appropriate to the fire ground when communicating and reporting to supervisor |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCFIR201 Assist with prescribed burning Release 3 | AHCFIR201 Assist with prescribed burning Release 2 | Changes to Application for clarity  Minor changes to Performance Criteria for clarity  Updated foundations skills | 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 |

| TITLE | Assessment requirements for AHCFIR201 Assist with prescribed burning |
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| 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 one occasion the individual 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 safe escape routes throughout the burn * maintained communication with supervisor and other staff at all times * carried out clean up operations according to supervisor instructions to workplace standards * apply work health and safety procedures throughout the burn. | |

| Knowledge Evidence |
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| 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: * people and structures * environmental assets * hazards and risk management techniques during planned burns, including: * effect of topography * vegetation types * site specific hazards * control lines * operating procedures for prescribed burns, including contingency plans and emergency procedures * purpose and use of personal protective equipment * work health and safety policies and procedures relevant to prescribed burning * key concepts of work health and safety and environmental legislative and workplace requirements. |

| Assessment Conditions |
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| Assessment of skills 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 equipment relevant to working with fire * specifications: * instructions, policies and procedures for conducting planned burns * relationships: * team member(s) and supervisor(s).   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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