Modification history

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| Release | Comments |
| Release 1 | This version released with Agriculture, Horticulture and Conservation and Land Management Training Package Version 8.0. |

| AHCILM3X07 | Implement cultural burning practices on Country |
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| Application | This unit of competency describes the skills and knowledge required to use traditional Aboriginal controlled burning practices on Country to manage natural and cultural resources.  This unit applies to Aboriginal sites workers and land managers who carry out burns on Country as part of their job role. They work under broad direction and use discretion and judgement in the selection and use of available resources.  The unit involves and requires a high level of awareness and experience with Aboriginal culture and communities, and it is expected that this work will be undertaken as part of a team working under supervision in most cases.  No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication. However, all units of competency dealing with animals in the AHC Training Package have the requirements for animals to be handled humanely to minimise stress and discomfort |
| Prerequisite Unit | AHCILM3X06 Develop awareness of Aboriginal and/or Torres Strait Islander cultural safety and protocols |
| Unit Sector | Indigenous Land Management (ILM) |

| Elements | Performance Criteria |
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| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Plan burn activities | 1.1 Develop working relationships with Community to assist in the planning and implementation of traditional cultural burning  1.2 Identify and consult appropriate cultural authorities and obtain approval to be on Country  1.3 Obtain cultural knowledge through the appropriate knowledge holder or Cultural Manager  1.4 Identify ceremonial requirements for fire practices necessary for inclusion in burn plan  1.5 Develop a burning plan and schedule for the target area  1.6 Advise local fire services and agencies of proposed burn plan |
| 2. Protect life, property and conserve fauna and flora species in burn area | 2.1 Implement burn according to cultural burning techniques consistent with the burn plan and schedule  2.2 Exclude visitors from target areas, entertainment areas and areas possibly affected by smoke or risk from escaping fire  2.3 Advise neighbours and agencies of the intention to burn  2.4 Protect cultural sites, assets and entertainment areas according to cultural protocols and fire industry practices  2.5 Apply fire breaks to the area to maintain control of the fire and burn intensity  2.6 Remove animals in danger in the burn area before starting the controlled cultural burn, where possible  2.7 Assess flora for impact on fire-sensitive communities and species |
| 3. Burn defined areas | 3.1 Assess weather forecasts and current weather conditions to determine appropriate conditions and timing for burn  3.2 Use appropriate personal protective equipment and follow work health and safety policies and procedures during the burn  3.3 Use appropriate ignition techniques, patterns, fire control and safety procedures to conduct the burn  3.4 Identify targeted areas defined by burn specification or limiting factors  3.5 Apply fire to targeted areas according to cultural burning techniques, traditional frequency and organisation requirements  3.6 Maintain radio communication with other workers in the area throughout the burn  3.7 Check area to ensure all sections have received required burn in accordance with the burning plan  3.8 Complete and record assessment of burn  3.9 Monitor burning area to avoid wildfire outbreaks  3.10 Assess seasonal conditions and life cycles of flora and fauna for the end of fire practices |

| 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 | * Interpret, analyse and extract information from a range of sources including legal documents, policies and procedures |
| Oral Communication | * Use culturally appropriate verbal and non-verbal communication |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCILM3X07 Implement cultural burning practices on Country | AHCILM307 Implement Aboriginal cultural burning practices | Updated unit code and title  Minor changes to Application  Minor changes to Elements and Performance Criteria Added Foundation Skills Revised Performance Evidence to express assessment in terms of frequency  Revised Knowledge Evidence  Revised Assessment Conditions to include Assessor requirements | Equivalent |

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

| TITLE | Assessment requirements for AHCILM3X07 Implement Aboriginal cultural burning practices |
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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 the individual has at least once:   * identified appropriate cultural authorities for a Community, place or for a site * consulted and collaborated with local Aboriginal and/or Torres Strait Islander and non-Aboriginal and/or Torres Strait Islander stakeholders * followed work health and safety policies and procedures throughout the burn process to protect self and others * used personal protective equipment (PPE) * applied traditional cultural burning techniques * followed burn plans and control burning operations according to enterprise procedures to: * protect cultural sites, assets and entertainment areas according to local Community protocols and requirements * protect life, property and conserve fauna and flora species during burning * achieve the correct intensity of burn * maintain biosecurity * meet environmental sustainability requirements * adhered to organisational safety and environmental protection policies and procedures * selected existing, and constructed additional fire breaks according to enterprise requirements to maintain control of fire * ignited fires according to burn plan and enterprise procedures * used radio communication according to enterprise procedures * applied appropriate animal welfare practices when handling and moving animals in preparation for 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:   * cultural authorities within the Community * traditional cultural knowledge of: * seasonal conditions * historical information on burns * local cultural ceremonial requirements * traditional rationale and techniques for cultural burning * the life cycles of flora and fauna of forests/plantations and effect of burning operations * required intensity and appropriate frequency of fire * sequence, location and pattern of recent and historical fire burns * ceremonial requirements for fire practices * seasonal cycle of weather patterns * work health and safety policies and procedures including use of PPE * emergency procedures * ignition techniques and patterns * fire control techniques * emergency fire services * organisational and enterprise policies and procedures for conservation of places of cultural significance * key concepts of cultural and heritage legislation or National Parks and Wildlife Service (NPWS) legislation relevant to own prescribed burns * sustainable environmental practices * safety procedures for conducting fire operations * enterprise work health and safety policies and procedures for carrying out controlled burning * basic requirements for ensuring the welfare of animals described in the relevant Codes of Practice. |

| Assessment Conditions |
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| Assessment of the skills in this unit of competency must take place under the following conditions:   * physical conditions: * skills must be demonstrated on Country and/or within an Aboriginal and/or Torres Strait Islander Community or an environment that accurately represents workplace conditions * resources, equipment and materials: * PPE * ignition devices * firefighting equipment * specifications: * access to relevant legislation/codes of practice * access to relevant organisation's policies and procedures * relationships: * local Community Elders and/or Custodians.   Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards. In addition, the following specific assessor requirements apply to this unit:   * Assessment must be undertaken by a workplace assessor who has expertise in this unit of competency and who is: * an Aboriginal and/or Torres Strait Islander Elder and/or Custodian   or:   * accompanied by, or in communication with, an Aboriginal and/or Torres Strait Islander person who is a recognised member of the community with experience and knowledge of local cultural protocols. |

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