Modification history

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| Release | Comments |
| Release 1 | This version released with Forest and Wood Products Training Package Training Package Version 7.0 |

| FWPCOR3XXX | Assess fire risk |
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| Application | This unit describes the skills and knowledge required to continually monitor and assess the potential for fire during forestry operations.  The unit applies to individuals working in a broad range of roles in the forestry operations.  No licensing, legislative or certification requirements apply to this unit at the time of publication. |
| Prerequisite Unit | Nil |
| Unit Sector | Forest Growing and Management (FGM)  Harvesting and Haulage (HAR) |

| 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. Confirm measures to reduce fire risk | 1.1 Identify site fire risk management plan including agreed chain of command and control and responsibilities of forest personnel  1.2 Confirm site compliance with the firefighting requirements of relevant fire service or regulatory agency  1.3 Confirm firefighting equipment is fully assembled, available and ready for immediate use at all times  1.4 Check serviceability of communication systems and reception levels  1.5 Check features of forest area pertinent to fire risk including fuel load, maintenance of fire trails, fuel breaks and water storages |
| 2. Evaluate fire risk | 2.1 Identify fire risk level and mitigation measures that have been implemented to reduce fire risk of forestry activity being undertaken  2.2 Assess weather conditions, weather reports for changes in prevailing conditions and fire weather warnings  2.3 Identify potential ignition sources including hot work, chainsaws, friction sources and machinery with potential to create fire hazards  2.4 Identify quantity, type and arrangements of fuels found on site with potential to create fire hazards  2.5 Assess topography and accessibility of coupe including the location of escape routes and safe zones  2.6 Identify other forest users and their compliance with fire risk management plan  2.7 Review risk factors and assess fire risk of forestry activity being undertaken. |
| 3. Report fire risk | 3.1 Record fire risks associated with forestry activity being undertaken.  3.2 Report fire risk and potential mitigation measures to appropriate personnel |

| 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 | * Identify and extract basic information from print and electronic sources on fire risk assessment |
| Writing | * Use technical and enterprise specific vocabulary to complete workplace records and forms |
| Oral communication | * Use questioning skills to gather information from operational staff on fire risks |
| Numeracy | * Interpret numerical and graphical material in weather reports |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| FWPCOR3XXX Assess fire risk | FWPCOR3203 Evaluate fire potential and prevention | Reworded title  Updated Application  Wording changes to Elements and Performance Criteria  Updated Performance Evidence  Minor changes to Knowledge Evidence  Updated Foundation Skills and Assessment Conditions | Equivalent |

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| Links | Companion Volumes, including Implementation Guides, are available at VETNet: <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47> |

| TITLE | Assessment requirements for FWPCOR3XXX Assess fire risk |
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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 one occasion, the individual has assessed the fire risk associated with a forestry operation. | |

| 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:   * fire risk management plans * weather conditions and their effect on fires: * winds * electrical storms * lightning * heat * humidity * fire weather warnings * fire risks: * weather history and patterns * quantity, type and arrangement of fuels * ignition sources including hot work, chainsaws, friction sources and machinery with potential to create fire hazards * topography * coupe accessibility * availability of water * communication systems and reception levels * features of forest areas pertinent to fire risk * fuel load * maintenance of fire trails * fuel breaks * water storages |

| 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 in forestry work environment or an environment that accurately represents workplace conditions * resources, equipment, and materials: * firefighting equipment * weather reports and fire weather warnings * specifications: * access to fire risk management plans * access to workplace document for recording fire risks and incidents.   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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