Modification history

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

FWPCOR3XXX	Assess fire risk
Application	This unit describes the skills and knowledge required to continually monitor and assess the potential for fire during normal work activities. The unit includes implementing basic fire prevention measures. The unit applies to individuals working in a broad range of roles and operations in the forest and wood products industry where there is a risk of fire. 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) Sawmilling and Processing (SAW) Timber Manufactured Products (TMM) Timber Supply (TMM) Timber Truss and Frame Design and Manufacture (TMM)

Elements	Performance Criteria
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Prepare for fire	1.1 Confirm workplace procedures for fire prevention, and where required, seek clarification from appropriate personnel 1.2 Identify causes and consequences of fire in the workplace 1.3 Identify fire risks and hazards in the workplace and report to appropriate person 1.4 Identify emergency and evacuation procedures to follow in the event of fire 1.5 Confirm location, type, use and serviceability of firefighting and personal protective equipment 1.6 Contribute to the development of workplace fire prevention plan 1.7 Participate in fire drills and clarify the roles and responsibilities of self and others in fire events
2. Assess fire potential	2.1 Monitor weather conditions and inspect reports for changing conditions including storms and high winds 2.2 Monitor equipment and machinery for overheating and electrical sparking 2.3 Check that hazardous and flammable substances are safely used, stored, handled and transported to reduce fire risk 2.4 Report fire risk to appropriate personnel
3. Prevent fire	3.1 Control fire risks and hazards according to designated responsibilities and workplace procedures 3.2 Use, handle, store and transport hazardous or flammable substances according to WHS and environmental management regulations 3.3 Recognise signs of fire potential and raise alarm 3.4 Record and report fire potential and prevention activity

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	• Identify and extract basic information from print and electronic sources on fire prevention and evacuation procedures
Writing	• Use technical and enterprise specific vocabulary to accurately and legibly complete workplace records and forms
Oral communication	• Select and use appropriate spoken communication strategies with work colleagues and other personnel on site
Numeracy	• Interpret numerical and graphical material in weather maps and charts

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

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

Performance Evidence

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

There must be evidence that, on two occasions, the individual has:
- assessed the potential for fire while performing normal workplace activities
- implemented fire prevention measures while performing normal workplace activities.

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:
- workplace policies and procedures for fire prevention
- fire types including:
  - wildfires
  - electrical storm induced fires
  - arson
  - accidental fires
  - electrical fires
- fire prevention methods including:
  - cutting fire breaks
  - clearing undergrowth
  - ensuring combustible materials are safely used, handled, stored and transported
  - ensuring the work area is clear of waste and that exits are accessible
  - quarantining equipment to be serviced according to workplace procedures
- fire service approved fire suppression extinguishing agents
- extinguishers for fires that are:
  - electrical
  - chemical
  - gas
  - mechanical
  - paper
  - wood or natural fires
- weather conditions and their effect on fires:
  - high winds
  - electrical storms
  - lightning strikes
  - excessive heat and low humidity
- fire risks including:
  - welding or grinding sparks
  - dry undergrowth
  - potential of equipment use and unsafe work practices to create fire
  - combustible materials including dry or dead scrub, tall grasses, rubbish, oily rags
  - waste material proximity to equipment
  - flammable liquids
  - inappropriate use, handling, storage and transport of materials and equipment
  - blocked or no access and exit
- safe methods for using, handling, storing and transporting flammable, combustible or waste materials
- methods for controlling vegetation to minimize fire risks
- requirements for fire breaks.

Assessment Conditions

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

Assessment Conditions

- skills must be demonstrated in forest or wood products work environment or an environment that accurately represents workplace conditions
- resources, equipment and materials:
  - firefighting equipment and materials
  - fire prevention signs and symbols
  - access to fire alarms and warning systems
  - weather reports
- specifications:
  - access to workplace fire prevention, emergency, evacuation and fire drill procedures
  - access to material safety data sheets for flammable liquids and gases used in the candidate's workplace
  - access to workplace housekeeping and maintenance procedures
  - 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.

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