



Australian Government

FWPCOT3311 Use environmental care procedures to undertake fire salvage operations

Release: 1

FWPCOT3311 Use environmental care procedures to undertake fire salvage operations

Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 6.0.

Application

This unit of competency describes the skills and knowledge required to undertake tree salvaging following forest fires in line with a salvage plan that incorporates environmental protection and sustainability principles.

The unit applies to individuals who work as forestry workers, harvesting technicians and mobile equipment operators as part of forestry, conservation and land management, local government, emergency services and other government agency operations and are involved in fire salvage operations.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety regulations, legislation and standards that apply to the workplace.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Common Technical (COT)

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>

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. Prepare for fire salvage operations	1.1 Determine job requirements from work order or instruction in relation to salvage schedule, and where required, seek clarification from appropriate personnel 1.2 Confirm safety, environmental care and cultural heritage protection requirements according to workplace procedures 1.3 Identify, assess and take actions to mitigate risks and hazards associated with fire salvage operations 1.4 Identify and report existing and potential environmental risks and hazards to relevant personnel 1.5 Identify and confirm preliminary site work and operational activities 1.6 Assess tree location and stability for conditions likely to affect safety and merchandising priorities 1.7 Confirm planning permits and access permission 1.8 Consult and maintain communication with team members and other appropriate personnel to ensure that work is coordinated effectively with others in the workplace 1.9 Obtain tools and equipment needed for the work, and check for correct operation and safety 1.10 Select, fit and use personal protective equipment
2. Perform fire salvage operations	2.1 Monitor movement and whereabouts of others on site 2.2 Undertake pre-harvesting environmental care requirements according to salvage plan and workplace procedures 2.3 Salvage designated trees according to salvage plan 2.4 Disperse or handle heads and non-merchantable stems according to work order 2.5 Haul logs to logs landings and ensure landscape is left in safe condition suitable for regeneration

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
3. Complete documentation	3.1 Tally and record product volumes from salvage site 3.2 Report variations according to workplace procedures 3.3 Record and report operations and environmental care procedures according to workplace procedures 3.4 Report breaches or potential breaches of relevant environmental regulations according to workplace procedures

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 workplace documentation to determine requirements
Writing	Use technical and workplace 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 - Interpret hand signals with other operators to ensure safety of salvage operations
Numeracy	Complete routine calculations and report on size, length and diameter of salvaged trees

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPCOT3311 Use environmental care procedures to undertake fire salvage operations	FWPCOT3252 Use environmental care procedures to undertake fire salvage operations	Merged Elements Minor updates to Knowledge Evidence Updated Foundation	Equivalent

Code and title current version	Code and title previous version	Comments	Equivalence status
		Skills, Performance Evidence and Assessment Conditions	

Links

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

Assessment Requirements for FWPCOT3311 Use environmental care procedures to undertake fire salvage operations

Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products 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 the individual has:

- applied environmental care procedures in undertaking one fire salvage operation
- followed workplace policies and procedures, current workplace health and safety legislation, regulations and related industry standards and codes of practice applicable to fire salvage operations.

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 regulations, standards, codes of practice and established safe practices for using environmental care procedures to undertake fire salvage operations
- legislative, standard certification or management requirements relating to:
 - soil erosion mitigation
 - track, road, drainage and crossing maintenance
 - weed management
 - rehabilitation prescriptions
 - watercourse protection
 - flora and fauna management
 - run-off minimisation
 - buffer zone and filter strip maintenance
 - protection of remnant habitat
 - identification of cultural sites
- environmental protection, cultural heritage protection and sustainability principles related to fire salvage operations
- characteristics of trees and timber defects

- criteria for assessment of fire damaged trees:
 - stability
 - safety
 - merchantability
 - appropriate felling technique
- techniques, operations and strategies used to undertake fire salvage
- harvesting and extraction methods related to fire salvage operations
- communication channels and protocols, including notification to authorities, used during fire salvage operations
- problem identification and resolution strategies in relation to plant and equipment used in salvage operations
- procedures for recording and reporting workplace information related to fire salvage operations.

Assessment Conditions

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

- physical conditions:
 - skills must be demonstrated in the workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - tools and equipment required for fire salvage operations
 - a treed area suitable for salvage operations
 - personal protective equipment required in fire salvage operations
 - communication system
- specifications:
 - access to workplace safety and environmental policies and procedures applicable to fire salvage operations
 - access to site emergency procedure
 - access to workplace procedures and forms for recording and reporting operations and breaches of relevant environmental regulations
 - access to workplace standard operating procedures or operator manual for chainsaws.

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>