



Australian Government

FWPCOT3252 Use environmental care procedures to undertake fire salvage operations

Release: 2

FWPCOT3252 Use environmental care procedures to undertake fire salvage operations

Modification History

Release	Comments
Release 2	This version released with FWP Forest and Wood Products Training Package Version 3.0.
Release 1	This version released with FWP Forest and Wood Products Training Package Version 2.0.

Application

This unit of competency describes the outcomes required to undertake tree salvaging following forest fires, in line with a salvage plan that incorporates effective environmental procedures and sustainability principles.

The unit applies to Forestry Worker, Harvesting Technician, Mobile Equipment Operator.

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

Pre-requisite Unit

Nil

Unit Sector

Forest Growing and Management

Harvesting and Haulage

Elements and Performance Criteria

Element	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions.</i>
1. Identify environmental care requirements	1.1 Review work order and environmental care requirements. 1.2 Identify and report existing and potential environmental risks and hazards to relevant personnel

Element	Performance Criteria
2. Prepare for fire salvage operations	2.1 Review and confirm schedule for salvaging. 2.2 Identify and confirm preliminary site work and operational activities. 2.3 Assess tree location and stability for conditions likely to affect safety and merchandising priorities. 2.4 Select equipment appropriate to work and environmental care requirements in line with workplace procedures. 2.5 Check equipment for operational effectiveness in line with manufacturer's specifications. 2.6 Confirm planning permits and access permission.
3. Perform fire salvage operations	3.1 Establish and maintain communication with others on site to ensure safety. 3.2 Monitor movement and whereabouts of others on site. 3.3 Undertake pre-harvesting environmental care requirements. 3.4 Salvage designated trees in line with salvage plan. 3.5 Disperse or handle heads and non-merchantable stems in line with work order. 3.6 Haul logs to logs landings and ensure landscape is left in safe condition suitable for regeneration.
4. Complete documentation	4.1 Tally and record product volumes from salvage site. 4.2 Report variations in line with workplace procedures. 4.3 Record and report operations and environmental care procedures in line with workplace procedures. 4.4 Report breaches or potential breaches of relevant environmental regulations.

Foundation Skills

This section describes those core and employment skills that are essential to performance and are not explicit in the performance criteria.

Numeracy skills to:	• navigate using GPS systems • read topographic maps to interpret site conditions.
Oral communication skills to:	• use standard VHF&UHF radios for communication.

Writing skills to:	accurately record and maintain workplace documentation.
--------------------	---

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPCOT3252 Use environmental care procedures to undertake fire salvage operations Release 2	FWPCOT3252 Use environmental care procedures to undertake fire salvage operations Release 1	Minor typographical errors corrected.	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>

Assessment Requirements for FWPCOT3252 Use environmental care procedures to undertake fire salvage operations

Modification History

Release	Comments
Release 2	This version released with FWP Forest and Wood Products Training Package Version 3.0.
Release 1	This version released with FWP Forest and Wood Products Training Package Version 2.0.

Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit. If a specific volume or frequency is not stated below, then evidence must be provided that the following requirements have been performed on at least one occasion:

- safely and efficiently use environmental care procedures to undertake fire salvage operations
- follow regulatory requirements and codes of practice relevant to fire salvage operations
- follow organisational policies and procedures relevant to environmental care requirements
- assess, prepare for and carry out a fire salvage operation
- use safe work practices
- safely use plant and equipment associated with fire salvage operations, including:
 - harvesting plant and equipment
 - chainsaw harvesting techniques
- record and report all information and data related to the fire salvage operation.

Knowledge Evidence

A person competent in this unit must be able to demonstrate knowledge of:

- workplace regulations, standards, codes of practice and established safe practices for using environmental care procedures to undertake fire salvage operations
- any activities and directives prescribed under legislation or required for standard certification requirements or as a management priority including:
 - 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
- organisational and site standards, requirements, policies and procedures for using environmental care procedures to undertake fire salvage operations including any of the above.
- principles of ecological sustainability as they pertain to the specific forest type, landscape and fire regime to which the coupe or forest is exposed
- characteristics of trees and timber defects
- assessment of fire damaged trees, including for stability and:
 - whether or not it is safe to leave standing
 - its merchantability
 - how it should be felled
- fire salvage operations and strategies
- harvesting and extraction methods
- established communication channels and protocols including notification to authorities
- problem identification and resolution strategies in relation to plant and equipment used in salvage operations
- procedures for recording and reporting workplace information.

Assessment Conditions

The following resources must be made available:

- fire salvage site
- harvesting plant and equipment
- workplace requirements and site standards for using environmental care procedures to undertake fire salvage operations.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessor requirements

Assessors must:

- hold the appropriate assessor competency standards as outlined in regulations; and
- be able to demonstrate vocational competencies at least to the level being assessed; and
- be able to demonstrate how they are continuing to develop their VET knowledge and skills as well as maintaining their industry currency and assessor competence.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>