

**Modification history**

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

<b>FWPCOT3XXX</b>	<b>Use environmental care procedures to undertake fire salvage operations</b>
<b>Application</b>	<p>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.</p> <p>The unit applies to forestry workers, harvesting technicians and mobile equipment operators.</p> <p>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.</p> <p>No licensing, legislative, regulatory, or certification requirements apply to this unit at the time of publication.</p>
<b>Prerequisite Unit</b>	Nil
<b>Unit Sector</b>	Forest Growing and Management Harvesting and Haulage

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 Review work order or instruction to determine job requirements, including salvage schedule and environmental care requirements, and where required, seek clarification from appropriate personnel 1.2 Review workplace health and safety procedures, including the use of personal protective equipment and safe manual handling techniques 1.3 Identify, assess and take actions to mitigate risks and hazards associated with fire salvage operations 1.4 Identify workplace environmental protection procedures for fire salvage operations, minimising and disposing of waste material, cleaning tools and equipment, and minimising impact of salvage operations on environmental assets 1.5 Identify and report existing and potential environmental risks and hazards to relevant personnel 1.6 Consult and maintain communication with team members and other appropriate personnel to ensure that work is coordinated effectively with others in the workplace 1.7 Obtain tools and equipment needed for the work and check for correct operation and safety 1.8 Identify and confirm preliminary site work and operational activities 1.9 Assess tree location and stability for conditions likely to affect safety and merchandising priorities 1.10 Confirm planning permits and access permission

<b>Elements</b>	<b>Performance Criteria</b>
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
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
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

<b>Foundation Skills</b>	
<i>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.</i>	
<b>Skill</b>	<b>Description</b>
Reading	<ul style="list-style-type: none"> <li>Read workplace documentation and understand requirements</li> </ul>
Writing	<ul style="list-style-type: none"> <li>Complete basic written records for salvage operations, equipment faults and maintenance requirements</li> </ul>
Oral communication	<ul style="list-style-type: none"> <li>Select and use appropriate spoken communication strategies with work colleagues and other personnel on site</li> <li>Interpret hand signals with other operators to ensure safety of salvage operations</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>Complete routine calculations and report on size, length, diameter of salvaged trees</li> </ul>

<b>Unit Mapping Information</b>			
<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
FWPCOT3XXX Use environmental care procedures to undertake fire salvage operations	FWPCOT3252 Use environmental care procedures to undertake fire salvage operations		

<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47">https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47</a>
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<b>TITLE</b>	<b>Assessment requirements for FWPCOT3XXX Use environmental care procedures to undertake fire salvage operations</b>
<b>Performance Evidence</b>	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that the individual has applied environmental care procedures in undertaking one fire salvage operation following a work order or instruction that is consistent with workplace policy and procedures and current workplace health and safety legislation, regulations and related industry standards and codes of practice applicable to fire salvage operations.</p>	

<b>Knowledge Evidence</b>	
<p>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:</p> <ul style="list-style-type: none"> <li>• workplace regulations, standards, codes of practice and established safe practices for using environmental care procedures to undertake fire salvage operations</li> <li>• legislative, standard certification or management requirements relating to : <ul style="list-style-type: none"> <li>• soil erosion mitigation</li> <li>• track, road, drainage and crossing maintenance</li> <li>• weed management</li> <li>• rehabilitation prescriptions</li> <li>• watercourse protection</li> <li>• flora and fauna management</li> <li>• run-off minimisation</li> <li>• buffer zone and filter strip maintenance</li> <li>• protection of remnant habitat</li> <li>• identification of cultural sites</li> </ul> </li> <li>• environmental protection and sustainability principles</li> <li>• characteristics of trees and timber defects</li> <li>• criteria for assessment of fire damaged trees: <ul style="list-style-type: none"> <li>• stability</li> <li>• safety</li> <li>• merchantability</li> <li>• appropriate felling technique</li> </ul> </li> <li>• fire salvage techniques, operations and strategies</li> <li>• harvesting and extraction methods</li> <li>• communication channels and protocols including notification to authorities</li> <li>• problem identification and resolution strategies in relation to plant and equipment used in salvage operations</li> <li>• procedures for recording and reporting workplace information.</li> </ul>	

<b>Assessment Conditions</b>	
<p>Assessment of the skills in this unit of competency must take place under the following conditions:</p> <ul style="list-style-type: none"> <li>• physical conditions skills must be demonstrated in a workplace location or an environment that accurately represents workplace conditions</li> <li>• resources, equipment and materials: <ul style="list-style-type: none"> <li>• tools and equipment required for fire salvage operations</li> <li>• a treed area suitable for salvage operations</li> <li>• personal protective equipment required in fire salvage operations</li> <li>• communication system</li> </ul> </li> <li>• specifications <ul style="list-style-type: none"> <li>• access to work order or instruction detailing fire salvage operations to be carried out by operator</li> <li>• access to workplace policies and procedures which cover current workplace health and safety regulations and related industry standards and codes of practice applicable to fire salvage operations</li> </ul> </li> </ul>	

<b>Assessment Conditions</b>	
<ul style="list-style-type: none"><li>• access to workplace policies and procedures which cover off on current Environment Protection Acts, regulations and related industry standards and codes of practice applicable to fire salvage operations</li><li>• access to workplace safety and environmental protection plans</li><li>• access to site emergency procedure</li><li>• access to workplace standard operating procedures or operator manual for chain saws.</li></ul> <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47">https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47</a>