



Australian Government

FWPFIR4001 Conduct tree hazard assessment post-fire

Release: 1

FWPFIR4001 Conduct tree hazard assessment post-fire

Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 8.0.

Application

This unit of competency describes the skills and knowledge required to conduct hazard assessment of fire affected or fire damaged trees during the early stages of bushfire recovery and make recommendations on risk treatment.

The unit applies to individuals authorised by emergency management agencies to assess tree hazard during the early stages of bushfire recovery operations.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety regulations, legislation, standards and industry codes of practice 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

Fire Control (FIR)

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>
1. Prepare for work in bushfire recovery operations	1.1 Maintain up-to-date information on topography, hazards and weather conditions in bushfire recovery area 1.2 Maintain situational awareness in bushfire recovery area 1.3 Follow health and safety environmental protection practices and/or procedures, including use of personal protective equipment and hazard

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	and risk control measures, relevant to bushfire recovery operations 1.4 Confirm chain of command and communication protocols that apply in bushfire recovery operations
2. Identify, mark and isolate tree hazard	2.1 Conduct hazard assessment of route to and areas around tree to determine it is safe to approach 2.2 Determine location and position of tree in relation to site topography and other hazards at site 2.3 Establish risk to self and others posed by tree hazard and other factors in immediate vicinity of the tree 2.4 Mark tree, if safe to do so, using spray paint according to industry guidelines and agency approved symbols 2.5 Isolate tree with barrier tape according to industry guidelines and agency approved procedures
3. Assess tree hazard	3.1 Assess visually extent of fire damage to crown, trunk and root from the appropriate safe distance 3.2 Identify structural and physiological defects in tree 3.3 Assess external factors that may cause tree or its limbs and branches to fall 3.4 Determine risks posed by tree according to workplace procedures 3.5 Identify tree hazard class according to industry guidelines and agency approved procedures 3.6 Identify potential environmental, cultural and economic values of tree and, where required, consult with appropriately qualified person on risk treatment options 3.7 Determine appropriate risk treatment to mitigate tree hazard according to industry guidelines and agency approved procedures 3.8 Record and report outcomes of tree assessment 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.

Skill	Description
Reading	Interpret routine text and pictorial workplace documentation relevant to identification and treatment of fire damaged or fire affected hazardous trees
Oral communication	Use appropriate vocabulary including technical language directly relevant to role

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPFIR4001 Conduct tree hazard assessment post-fire	Not applicable	The unit has been created to address a skill or task required by industry that is not covered by an existing unit	Newly created

Links

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