



Australian Government

FWPCOT3249 Select timber preservation techniques

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPICOT3249A Select timber preservation techniques, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2. This is the first release of this unit in the new standards format.

Application

This unit of competency describes the outcomes required to select timber preservation techniques taking into account the principles of environmental suitability and sustainability.

The unit applies to those working in technical roles in the forestry and forest products industry.

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

Pre-requisite Unit

Nil

Unit Sector

Sawmilling and Processing

Timber Manufactured Products

Timber Merchandising

Wood Panel Products

Timber Truss and Frame Design and Manufacture

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. Where bold italicised text is used, further information is detailed in the range of conditions.</i>

ELEMENTS	PERFORMANCE CRITERIA
1. Determine preservation requirements for timber	1.1 Identify service requirements for preservation of timber. 1.2 Identify required chemical retention rates and calculate suitable solution strengths. 1.3 Identify penetration pattern of timber for treatment.
2. Decide on appropriate preservation technique/s for timber	2.1 Investigate options for preservation techniques for job requirements and their environmental impact. 2.2 Review and compare options for suitability and value. 2.3 Select most appropriate preservation technique. 2.4 Identify and follow water management procedures. 2.5 Develop contingency management plans. 2.6 Implement quality assurance procedures for preserving timber. 2.7 Implement environmental monitoring procedures.

Foundation Skills

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

- calculate chemical solution strengths, timber and fluid volumes; measure chemical salt retention rates.

Range of Conditions

Not Applicable

Unit Mapping Information

FPICOT3249A Select timber preservation techniques

Links

Companion Volume implementation guides are found in VETNet -

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