



**Australian Government**

# **FWPSAW3201 Treat timber**

**Release: 1**

## FWPSAW3201 Treat timber

### Modification History

Release	Comment
1	Replaces equivalent unit FPISAW3201B Treat timber, 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 chemically treat timber and to operate the treatment plant to complete treatment cycles. Work is completed in a forest products factory setting.

The unit applies to those who treat timber in a forest products factory setting. Specific job roles can include treatment plant operator, kiln operator or timber products technician.

Copper Chrome Arsenate (CCA) chemical is a restricted chemical product, which means that CCA can only be supplied to and handled by suitably trained and authorised persons.

The Australian Pesticides and Veterinary Medicines Authority (APVMA) advised that as of 1 July 2012, CCA products can only be supplied to, and used by, suitably trained persons authorised under a relevant state or territory law from that date.

Licensing, legislative, regulatory, or certification requirements apply to this unit in some states and territories at the time of publication, and may differ according to jurisdiction.

In Victoria, to comply with licence/permit requirements, organisations must ensure that employees working with CCA demonstrate competence in this unit (FWPSAW3201 Treat timber), or that persons working with CCA do so under the direct supervision (sight and sound) of a trained and authorised person.

For regulatory information and details in other states and territories refer to the state or territory licensing body.

### Pre-requisite Unit

Nil

### Unit Sector

Sawmilling and Processing

## Elements and 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. Prepare for treating timber	1.1 Review work order and where required check with appropriate personnel. 1.2 Select appropriate personal protective equipment and check for operational effectiveness. 1.3 Obtain chemicals and type and quantity of timber for treatment from storage. 1.4 Plan treating cycles in line with work order.
2. Use equipment to treat timber	2.1 Complete pre start-up equipment checks to ensure operational effectiveness. 2.2 Identify water requirements and check to ensure treatment process requirements are met. 2.3 Test moisture content of timber in line with organisational procedures. 2.4 Check, adjust and maintain strength of preservative solution at specified strength and volume. 2.5 Bring treating plant to full operating condition and regularly check operating parameters to ensure optimum output. 2.6 Load timber into treatment vessel and complete treatment cycles. 2.7 Brand treated timber in line with organisational procedures. 2.8 Safely handle treated timber and transfer to storage area.
3. Complete operator maintenance	3.1 Follow organisational safety procedures to lock out equipment. 3.2 Check all treatment mechanisms for effective condition. 3.3 Keep machine clear of dust and debris in line with organisational safety procedures. 3.4 Store chemicals in line with organisational safety procedures and report on stock levels. 3.5 Record and report timber treating process and equipment faults to appropriate personnel.

## 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:	<ul style="list-style-type: none"> <li>identify quantities of required timber within work orders and count numbers for treatment</li> <li>calculate routine solution strengths and retention rates for preservative solutions</li> <li>complete basic measurements of moisture content in timber.</li> </ul>
Oral communication skills to:	<ul style="list-style-type: none"> <li>ask open and closed probe questions and actively listen to clarify contents of work orders.</li> </ul>
Reading skills to:	<ul style="list-style-type: none"> <li>interpret:             <ul style="list-style-type: none"> <li>workplace health and safety and other organisational procedures</li> <li>work orders</li> </ul> </li> <li>safety data sheets, or equivalent plain English information, for timber treatment chemicals.</li> </ul>
Writing skills to:	<ul style="list-style-type: none"> <li>complete accurate basic records for chemical stock levels, processes and equipment faults.</li> </ul>
Planning and organising skills to:	<ul style="list-style-type: none"> <li>efficiently and logically sequence the stages of timber treatment processes using work order to guide activities.</li> </ul>

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## Range of Conditions

Not Applicable

## Unit Mapping Information

FPISAW3201B Treat timber

## Links

Companion Volume implementation guides are found in VETNet -

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