



Australian Government

FWPSAW3242 Treat timber

Release: 1

FWPSAW3242 Treat timber

Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 5.0.

Application

This unit of competency describes the skills and knowledge required to chemically treat timber, including planning for chemically treating timber, safely handling and storing chemicals, operating treatment equipment, and undertaking basic maintenance of treatment equipment.

The unit applies to individuals who treat timber in a timber treatment plant or sawmill. Specific job roles can include treatment plant operator, kiln operator or timber products technician.

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 copper chrome arsenate (CCA) demonstrate competence in this unit (FWPSAW3242 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 relevant state or territory licensing body.

Pre-requisite Unit

Nil

Unit Sector

Sawmilling and Processing (SAW)

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>

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1. Prepare for treating timber	<p>1.1 Review work order to determine job requirements and, where required, seek clarification from appropriate personnel</p> <p>1.2 Review workplace health and safety procedures, including the use of personal protective equipment, equipment lock-out and safe manual handling techniques</p> <p>1.3 Identify, assess and take actions to mitigate risks and hazards associated with treating timber</p> <p>1.4 Identify workplace environmental protection procedures for minimising and disposing of waste material, cleaning tools and equipment, and maximising energy efficiency</p> <p>1.5 Obtain chemicals and type and quantity of timber for treatment from storage</p> <p>1.6 Plan treating cycles according to work order</p>
2. Use equipment to treat timber	<p>2.1 Complete pre-start-up equipment checks to ensure operational effectiveness</p> <p>2.2 Identify water requirements and check to ensure treatment process requirements are met</p> <p>2.3 Test moisture content of timber according to workplace procedures</p> <p>2.4 Check, adjust and maintain strength and volume of preservative solution at specified strength and volume</p> <p>2.5 Bring treating plant to full operating condition, and regularly check operating parameters to ensure optimum output</p> <p>2.6 Load timber into treatment vessel and complete treatment cycles</p> <p>2.7 Brand treated timber in line with organisational procedures</p> <p>2.8 Safely handle treated timber and transfer to the storage area</p> <p>2.9 Record outcomes of timber treatment process, and report to appropriate personnel</p>
3. Complete operator maintenance	<p>3.1 Lock out equipment according to workplace safety procedures</p> <p>3.2 Conduct basic routine checks and maintenance of treatment equipment according to manufacturer specifications</p> <p>3.3 Store chemicals according to workplace safety procedures, and report on stock levels</p> <p>3.4 Record faults or incidents related to treatment equipment and chemical use and storage, and report to appropriate personnel</p>

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	<ul style="list-style-type: none"> Extracts essential information from safety data sheets, or equivalent plain English information on safe use, handling, transport and disposal of timber treatment chemicals
Writing	<ul style="list-style-type: none"> Accurately completes basic workplace forms and records for chemical stock levels, processes and equipment faults
Oral communication	<ul style="list-style-type: none"> Employs active listening and questioning to clarify the content of work orders
Numeracy	<ul style="list-style-type: none"> Performs basic mathematical calculations to determine routine solution strengths and retention rates for preservative solutions Completes basic measurements of moisture content in timber Identifies quantities of required timber within work orders, and counts numbers for treatment
Navigate the world of work	<ul style="list-style-type: none"> Understands main tasks, responsibilities and boundaries of own role
Interact with others	<ul style="list-style-type: none"> Uses modes of communication suitable to purpose to confirm and clarify understanding
Get the work done	<ul style="list-style-type: none"> Recognises and responds to routine problems

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPSAW3242 Treat timber	FWPSAW3201 Treat timber	Reworded application statement and performance evidence for clarity; updated requirements regarding workplace health and safety and environmental protection in performance criteria and performance evidence to match knowledge evidence; updated foundation	Equivalent unit

		skills	
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Links

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