



**Australian Government**

# **FWPCOT3339 Grade wood product visually**

**Release: 1**

## FWPCOT3339 Grade wood product visually

### 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 visually assess the characteristics and defects of wood products, including recycled timber, and establish whether the strength and/or appearance properties of the product are consistent and within the grade specifications required for end-use application.

The unit applies to individuals who visually grade wood products, including recycled timber, in a wood products production facility or other work environments.

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.

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

### Pre-requisite Unit

Nil

### Unit Sector

Common Technical (COT)

### 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 grading wood product	1.1 Determine job requirements from work order or specifications and, where required, seek clarification from appropriate personnel 1.2 Confirm workplace health and safety and environmental protection practices and/or procedures for task, including use of personal

<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>
	<p>protective equipment, lifting and moving equipment and safe manual handling techniques</p> <p>1.3 Confirm legislation, standards and codes of practice relevant to visual grading operations</p> <p>1.4 Identify and assess hazards and take actions to mitigate risks related to grading operations</p> <p>1.5 Confirm type and quantity of wood product to be graded</p> <p>1.6 Identify procedures for storage and subsequent processing of wood product</p> <p>1.7 Select equipment to assist in grading wood product visually, and check for operational effectiveness</p>
2. Grade wood product visually	<p>2.1 Assess wood product characteristics visually for strength and/or appearance by identifying and measuring defects against performance requirements for wood product type and end-use application according to workplace grade specifications and relevant Australian Standards or industry codes of practice</p> <p>2.2 Measure wood product moisture content and length requirements and tolerances against allowable limits for wood product type and end-use application according to workplace grade specifications relevant Australian Standards or industry codes of practice</p> <p>2.3 Determine and mark defects and wood products that require docking, regrading or reworking and those that are rejected</p> <p>2.4 Brand, label, stamp or mark each graded wood product to indicate compliance with relevant Australian Standard and/or CodeMark certification requirements</p> <p>2.5 Record wood product grading outcomes</p>
3. Distribute graded wood product	<p>3.1 Direct material to storage or processing operations according to workplace procedures</p> <p>3.2 Arrange for reuse, recycling or disposal of sub-standard wood product according to workplace environmental protection practices and procedures</p> <p>3.3 Monitor on-site movement of wood product to achieve intended flow</p> <p>3.4 Record distribution problems 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"> <li>Interpret routine workplace documents and industry grading standards</li> </ul>
Writing	<ul style="list-style-type: none"> <li>Produce basic clear labels for timber identification</li> <li>Complete accurate basic reports on grading outcomes</li> </ul>
Oral communication	<ul style="list-style-type: none"> <li>Ask questions and actively listen to clarify work orders and job tasks and report workplace issues</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>Complete routine grading records involving numerical grades, dimensions and quantities</li> </ul>

## Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPCOT3339 Grade wood product visually	FWPCOT3240 Grade heavy structural/engineered products	Redesigned unit that includes content from FWPCOT3240 Grade heavy structural/engineered products, FWPCOT3284 Grade, sort and mark timber materials and FWPSAW2201 Grade round poles and debarked logs	Not equivalent
FWPCOT3339 Grade wood product visually	FWPCOT3284 Grade, sort and mark timber materials	Redesigned unit that includes content from FWPCOT3240 Grade heavy structural/engineered products, FWPCOT3284 Grade, sort and mark timber materials and FWPSAW2201 Grade round poles and debarked logs	Not equivalent

FWPCOT3339 Grade wood product visually	FWPSAW2201 Grade round poles and debarked logs	Redesigned unit that includes content from FWPCOT3240 Grade heavy structural/engineered products, FWPCOT3284 Grade, sort and mark timber materials and FWPSAW2201 Grade round poles and debarked logs	Not equivalent
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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>