

**Modification history**

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 7.0.

FWPCOR3XXX	Assess materials visually
<b>Application</b>	<p>This unit describes the skills and knowledge required to visually assess the characteristics of materials, identify any defects and imperfections, and forward the materials for storage or further processing.</p> <p>The unit applies to individuals who assess materials visually as part of forestry operations.</p> <p>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.</p> <p>No licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
<b>Prerequisite Unit</b>	Nil
<b>Unit Sector</b>	Forest Growing and Management (FGM) Harvesting and Haulage (HAR) Sawmilling and Processing (SAW) Timber Manufactured Products (TMM) Timber Supply (TMM) Wood Panel Products (WPP) Timber Truss and Frame Design and Manufacture (TMM)

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 visual assessment of materials	1.1 Determine job requirements from work order or instruction, and where required, seek clarification from appropriate personnel 1.2 Confirm safety and environmental requirements for the task according to workplace procedures 1.3 Identify, assess and take actions to mitigate risks and hazards associated with work task 1.4 Identify and confirm material to be visually assessed 1.5 Select and check operational effectiveness of tools and equipment used in visually assessing materials 1.6 Review options for processing materials following assessment
2. Assess material visually	2.1 Assess material visually against industry standards to identify the characteristics of the material and any defects 2.2 Mark defects for treatment or sawing according to workplace procedures 2.3 Record and report assessment outcomes
3. Distribute material	3.1 Forward materials for storage or further processing according to workplace procedures 3.2 Dispose of, recycle or reuse sub-standard materials according to workplace procedures 3.3 Monitor on-site movement of material to ensure intended flow is achieved. 3.4 Label material for storage according to workplace procedures.

<b>Foundation Skills</b>	
<i>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.</i>	
<b>Skill</b>	<b>Description</b>
Reading	<ul style="list-style-type: none"> <li>Use technical language to describe material characteristics</li> </ul>
Writing	<ul style="list-style-type: none"> <li>Use routine text and technical terms in written materials assessment reports</li> </ul>
Oral Communication	<ul style="list-style-type: none"> <li>Ask questions to clarify industry standards for materials to be assessed</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>Interpret numerical and graphical information related to production and wood flow planning</li> </ul>

<b>Unit Mapping Information</b>			
<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
FWPCOR3XXX Assess materials visually	FWPCOR3204 Visually assess materials	<p>Updated title and Application Statement</p> <p>Minor updates to Elements, Performance Criteria and Knowledge Evidence</p> <p>Updated Performance Evidence, Foundation Skills and Assessment Conditions</p>	Equivalent

<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47">https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47</a>
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<b>TITLE</b>	<b>Assessment requirements for FWPCOR3XXX Assess materials visually</b>
<b>Performance Evidence</b>	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that the individual has visually assessed two different materials against industry standards, identified any defects and imperfections and forwarded the materials for storage or further processing.</p>	
<b>Knowledge Evidence</b>	
<p>An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:</p> <ul style="list-style-type: none"> <li>• industry standards and codes of practice related to the visual assessment of materials</li> <li>• environmental protection requirements, including the safe disposal of waste material and recycling and reuse of substandard materials</li> <li>• workplace standards, policies and procedures relevant to visually assessing materials</li> <li>• methods of visual estimation and assessment including colour identification and tagging</li> <li>• typical material defects and characteristics</li> <li>• treatment of materials for insect attack and other defects</li> <li>• distribution processes for assessed materials</li> <li>• storage systems and labelling</li> <li>• types, safe use and maintenance of tools and equipment used for visually assessing materials</li> <li>• procedures for recording and reporting workplace information.</li> </ul>	
<b>Assessment Conditions</b>	
<p>Assessment of the skills in this unit of competency must take place under the following conditions:</p> <ul style="list-style-type: none"> <li>• physical conditions: <ul style="list-style-type: none"> <li>• skills must be demonstrated in a forest or wood products work environment or an environment that accurately represents workplace conditions</li> </ul> </li> <li>• resources, equipment and materials: <ul style="list-style-type: none"> <li>• materials for visual assessment</li> <li>• equipment and tools used in visual assessment of materials</li> </ul> </li> <li>• specifications: <ul style="list-style-type: none"> <li>• access to workplace health, safety and environmental policies and procedures applicable to work task to be carried out</li> <li>• access to workplace quality requirements and procedures.</li> </ul> </li> </ul> <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47">https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47</a>