

### Modification history

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 8.0.

FWPSAW4XXX	Plan for and supervise timber dry mill operations
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to plan, supervise and evaluate the dry mill operations of a timber processing facility.</p> <p>The unit applies to personnel responsible for planning and supervising dry mill operations in a timber processing work environment.</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>	Sawmilling and Processing (SAW)

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. Plan for timber dry mill production	1.1 Review production schedule and confirm production targets, production specifications and performance indicators 1.2 Confirm workplace health and safety and environment protection procedures 1.3 Identify hazards and associated risks and implement corrective actions according to workplace procedures 1.4 Inspect raw materials, identify possible production and quality implications and communicate variations to production methods to team members 1.5 Communicate production schedule, including production targets, product specifications and performance indicators, to team members 1.6 Maintain communication with team members to ensure production schedule and health and safety, environment and quality requirements are met

<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>
2. Supervise timber dry mill production	2.1 Monitor workflow and production and check that targets, performance indicators and product specifications are met 2.2 Monitor all stages of production process in dry mill operations 2.3 Assist team members to evaluate timber defects, identify faults and rectify or report production problems 2.4 Monitor implementation of quality processes, including chain of custody requirements 2.5 Evaluate effectiveness of production processes at key points 2.6 Modify production processes or schedules, as required, to ensure optimum performance 2.7 Monitor implementation of processes for reuse, recycling or disposal of sub-standard material 2.8 Respond to breakdowns, disruptions to production and unplanned events according to workplace procedures 2.9 Direct processed timber to storage or transfer for further processing 2.10 Complete and maintain production records according to workplace procedures 2.11 Investigate, record and report processing and equipment faults and resolve or report to appropriate personnel
3. Evaluate timber dry mill production	3.1 Analyse data and observations on production, operations, faults and output to identify opportunities for process improvement 3.2 Seek comments and feedback from team members to identify opportunities for process improvement 3.3 Analyse feasibility of potential process improvements 3.4 Document process improvements and communicate to appropriate personnel according to workplace procedures

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<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>Read technical documents and workplace policies and procedures relevant to dry mill operations</li> </ul>
Writing	<ul style="list-style-type: none"> <li>Complete workplace documents on routine and non-routine matters for a variety of audiences relevant to dry mill operations</li> </ul>
Oral Communication	<ul style="list-style-type: none"> <li>Use appropriate vocabulary to communicate with a culturally and linguistically diverse audience on technical and work team performance matters related to dry mill operations</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>Analyse statistical data on production, quality, safety and environment protection relevant to dry mill operations</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>
FWPSAW4XXX Plan for and supervise timber dry mill operations	FWPSAW4205 Plan and monitor timber conversion	Unit redeveloped to increase its application and address a relevant skill or task that is required by industry.	Not 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 FWPSAW4XXX Plan for and supervise timber dry mill operations</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 planned and supervised one production cycle for one softwood or hardwood dry mill.</p> <p>In the course of this work, the individual has:</p> <ul style="list-style-type: none"> <li>• communicated and coordinated personnel to follow planning, workplace procedures, workplace health and safety requirements, quality and scheduling requirements</li> <li>• monitored dry mill operations and identified and rectified production and equipment problems and faults</li> <li>• monitored implementation of quality processes, including chain of custody requirements</li> <li>• directed timber products to storage or transfer for further processing</li> <li>• analysed, recorded and reported production information including output, quality, faults and safety data</li> <li>• evaluated dry mill operation and suggested one process improvement.</li> </ul>	
<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>• health and safety hazards or risks related to dry mill operations as identified through risk assessments, manufacturer technical information, regulations and industry health and safety guides</li> <li>• workplace procedures specific to planning and supervising dry mill operations:             <ul style="list-style-type: none"> <li>• health and safety, including the use of personal protective equipment (PPE)</li> <li>• environmental protection practices for disposing of, recycling and reusing timber</li> <li>• quality assurance, including chain of custody requirements</li> <li>• communication channels and protocols to communicate with team members</li> <li>• recording and reporting information on output, quality, workplace health and safety and equipment faults</li> </ul> </li> <li>• purpose, features and operation of plant and equipment used in dry mill operations</li> <li>• production processes in dry mill operations:             <ul style="list-style-type: none"> <li>• unloading</li> <li>• drying</li> <li>• planing</li> <li>• scanning</li> <li>• cutting</li> <li>• end matching</li> <li>• grading</li> <li>• sorting</li> <li>• packaging</li> <li>• despatch</li> </ul> </li> <li>• methods for problem identification, including equipment failures at process stages, bottlenecks in production process and product variations, and resolution strategies</li> <li>• process improvement             <ul style="list-style-type: none"> <li>• data</li> <li>• methods</li> <li>• participative approaches</li> <li>• communication.</li> </ul> </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:</li> </ul>	

<b>Assessment Conditions</b>	
<ul style="list-style-type: none"> <li>• skills must be demonstrated in a work environment or an environment that accurately represents workplace conditions</li> <li>• resources, equipment and materials:                             <ul style="list-style-type: none"> <li>• dry mill</li> <li>• timber supplies</li> <li>• computers, keyboards, printers and software used to prepare planning and production documents</li> <li>• PPE suitable for dry mill operations</li> </ul> </li> <li>• specifications:                             <ul style="list-style-type: none"> <li>• production requirements, quality and output data for dry mill operations</li> <li>• templates for documenting relevant information on dry mill production and operations</li> <li>• workplace procedures for dry mill operations</li> <li>• workplace safety and environmental policies and procedures applicable dry mil operations</li> </ul> </li> <li>• relationships:                             <ul style="list-style-type: none"> <li>• relevant personnel for the purposes of communicating requirements related to dry mill operations.</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>	

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