



Australian Government

Assessment Requirements for FWPSAW4209 Plan for and supervise log processing operations

Release: 1

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Modification History

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

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has planned and supervised the log processing operations for two production cycles for one of the following:

- sawn product production
- veneer production
- wood chip production.

In performing this task, the individual has:

- communicated and coordinated personnel effectively to follow planning, workplace health and safety, environmental protection and quality practices and/or procedures and scheduling requirements
- complied with legislation, standards and codes of practice relevant to log processing operations
- monitored the log processing operation against production schedule, targets, specifications and performance indicators, and identified and rectified operational and equipment problems and faults
- monitored implementation of quality processes and chain of custody requirements
- directed processed material to storage or transfer for further processing
- recorded and reported production information including output, quality, faults and safety data
- evaluated the log processing operation and suggested one process improvement.

Knowledge Evidence

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:

- workplace procedures specific to planning and supervising log processing operations, including:
 - health and safety, including the use of personal protective equipment (PPE)
 - environmental protection, including the safe disposal of waste material
 - quality assurance and chain of custody requirements
 - communication channels and protocols to communicate with team members
 - recording and reporting information on output, quality, workplace health and safety and equipment faults
- hazards and associated risks with log processing operations, and risk control strategies as identified through risk assessments, manufacturer technical information, regulations and industry health and safety guides
- stages in log processing operations to produce sawn products, veneer or wood chips
- key requirements of legislation, standards and codes of practice relevant to log processing operations
- types, operation and capacities of log processing equipment and systems
- methods used to assess logs and identify and resolve potential processing problems
- log cutting patterns for maximising output and minimising waste
- workflow in log processing operations
- veneer/sawn timber product processing, including:
 - finished goods
 - processing quality
 - processing techniques
 - use of waste
- inventory management for planning and coordinating log processing, including:
 - avoid log degradation
 - identify out-of-specification logs
 - confirm log grades against quality requirements
 - maintain inventory levels
 - manage processes for reuse, recycling or disposal of sub-standard logs
- methods for problem identification, including equipment failures at process stages, bottlenecks in production process and product variations, and resolution strategies
- process improvement for log processing operations, including:
 - data
 - methods
 - participative approaches
 - communication.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:

- skills must be demonstrated in a timber processing plant, a timber product manufacturing or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - log processing equipment
 - computers, keyboards, printers and software used to prepare planning and production documents
 - PPE relevant to log processing operations
- specifications:
 - production requirements for log processing
 - templates for documenting relevant information on log processing production and operations
 - workplace procedures for log processing operations
 - workplace health and safety and environmental protection policies and/or procedures applicable to log processing operations
- relationships:
 - work team to communicate requirements related to log processing operations.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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