



Australian Government

FWPCOT3322 Apply quality and product care procedures in forest and wood products operations

Release: 1

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Modification History

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

Application

This unit of competency describes the skills and knowledge required to apply quality and product care procedures and monitor the quality of product output in the forest and wood products industry.

This unit applies to individuals working in a broad range of roles and operations in the forest and wood products industry in which there is a focus on applying quality procedures and monitoring product care.

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 to apply quality and product care procedures in forest or wood products operations	1.1 Review work order or instruction to determine job requirements, and where required check with appropriate personnel 1.2 Identify quality system requirements and workplace health and safety procedures, including use of personal protective equipment (PPE), to be applied when performing work task 1.3 Inspect product visually before processing according to workplace

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	procedures 1.4 Determine product specifications
2. Optimise resource recovery and product quality in forest or wood products operations	2.1 Plan product recovery to optimise resource value and minimise waste 2.2 Assess tree or timber species, structure, features and characteristics according to workplace procedures 2.3 Assess potential of materials to provide the highest value-added return 2.4 Grade materials and direct to best end-use according to industry standards and workplace procedures 2.5 Maintain and adjust machinery and equipment, as required to minimise waste, damage and risk of injury and accidents 2.6 Assess and rectify problems as they occur to avoid loss of product and/or reduction in product quality
3. Monitor and control quality of output in forest or wood products operations	3.1 Assess forest or wood products against quality and customer requirements and identify substandard products 3.2 Prepare forest or wood products for despatch in a manner that prevents or minimises damage 3.3 Record and report on matters related to quality and forest or wood product care according to workplace procedures

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	Read manufacturer operating and safety instructions for machinery and equipment
Writing	Use industry terminology when completing quality and product care reports
Oral communication	Establish and maintain communication with others in the workplace while inspecting products to ensure own safety and that

Skill	Description
	of others
Numeracy	Estimate and measure products and compare them to specifications

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPCOT3322 Apply quality and product care procedures in forest and wood products operations	FWPCOR3202 Conduct quality and product care procedures	Updated unit title Reworded Elements, Performance Criteria and Foundation Skills Minor changes to Knowledge Evidence Updated Assessment Conditions	Equivalent

Links

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

Assessment Requirements for FWPCOT3322 Apply quality and product care procedures in forest and wood products operations

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Performance Evidence

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

There must be evidence that, for one work period/shift, the individual has identified and applied workplace quality requirements while performing personal work tasks related to a forest or wood products operation.

In performing this activity, the individual has:

- inspected product visually prior to processing
- optimised resource recovery and product quality during processing based on tree or timber species, structure, features and characteristics
- monitored, identified and resolved faults with product
- checked final products against quality and customer requirements
- prepared final products for despatch according to workplace quality and product care procedures.

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 relating to forest or wood product quality and care specified in performance evidence:
 - communicating product requirements and outcomes of product review
 - identifying and resolving faults with product
 - recording and reporting workplace information
 - maximising product or resource use
 - assessing timber for recovery
- environmental protection requirements in forest or wood products operations:
 - safely disposing of waste material
 - organisational guidelines for recycling defective product, off-cuts and residue

- indicators of sub-standard product in forest or wood products operations:
 - breakages
 - contamination
 - holes
 - insect attack
 - machine-caused defects
 - variable surface finishes
 - timber colour
- mathematical procedures for estimating and measuring product against specifications
- ways of optimising resource value and minimising waste in forest or wood products operations
- requirements of the following quality systems that would apply to product care and quality in forest and wood products operations:
 - enterprise-based system
 - ISO9000 series
 - second party certification
 - third party certification
- specifications of the forest or wood products being processed
- types of tools and equipment used in the forest or wood product process, and procedures for their safe use and maintenance
- work health and safety policies and procedures relevant to forest or wood products operations:
 - PPE and clothing
 - safety equipment
 - eliminating hazardous materials and substances
 - first aid equipment
 - identifying hazards in the work process and assessing and controlling their risk
 - managing fatigue
 - manual handling techniques
 - machine isolation and guarding.

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 forest or wood products work environment or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - materials and equipment relevant to the work task being performed
 - PPE

- specifications:
 - order or instruction detailing work task to be carried out
 - workplace health and safety policies and procedures applicable to work task to be carried out
 - workplace environmental protection policies and procedures applicable to work task to be carried out
 - workplace quality requirements and procedures.

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

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