



**Australian Government**

# **FWPCOT2246 Appearance grade hardwood sawn and milled products**

**Release: 1**

# FWPCOT2246 Appearance grade hardwood sawn and milled products

## Modification History

| Release   | Comments                                                                              |
|-----------|---------------------------------------------------------------------------------------|
| Release 1 | This version released with FWP Forest and Wood Products Training Package Version 5.0. |

## Application

This unit of competency describes the skills and knowledge required to visually assess hardwood sawn and milled products for classification into various appearance grades.

The unit applies to individuals who grade hardwood sawn and milled products in a timber processing or manufacturing facility.

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 appearance grading                | 1.1 Review and clarify work order with appropriate personnel to determine hardwood sawn and milled products to be graded<br>1.2 Review workplace health and safety procedures, including the use of personal protective equipment, equipment lock-out and safe manual |

| Elements                                         | Performance Criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i> | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                                  | <p>handling techniques</p> <p>1.3 Identify, assess and take actions to mitigate risks and hazards associated with grading hardwood sawn and milled products</p> <p>1.4 Identify workplace environmental protection procedures for minimising and disposing of waste material, cleaning tools and equipment, and maximising energy efficiency</p> <p>1.5 Obtain type, dimension and quantity of sawn and milled products to be graded from storage locations</p> <p>1.6 Select equipment, including lifting equipment, appropriate to work order and check for safety and operational effectiveness</p> <p>1.7 Establish and maintain communication with others at the workplace to ensure safety</p>   |
| 2. Appearance grade products                     | <p>2.1 Visually assess the size of sawn and milled products according to industry standards and estimated number of ranges</p> <p>2.2 Evaluate the characteristics of each product against industry standards for grade type</p> <p>2.3 Measure moisture content and evaluate against standards and seasoning requirements</p> <p>2.4 Mark product characteristics for docking</p> <p>2.5 Sort and label product according to grade classification</p> <p>2.6 Reject and redirect sub-standard product for recycling or other uses according to workplace and environmental protection procedures</p> <p>2.7 Record and report grading outcomes and distribution problems 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                                                                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oral communication | <ul style="list-style-type: none"> <li>Responds to verbal questions on matters related to grading decisions and reuse or recycling of rejected materials</li> </ul> |

| Skill                      | Description                                                                                                                                                                                                                                 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Numeracy                   | <ul style="list-style-type: none"> <li>Compares length of product with industry standard for cross-section</li> <li>Measures moisture content using a moisture meter</li> <li>Calibrates measuring equipment</li> </ul>                     |
| Navigate the world of work | <ul style="list-style-type: none"> <li>Understands main tasks, responsibilities and boundaries of own role</li> </ul>                                                                                                                       |
| Interact with others       | <ul style="list-style-type: none"> <li>Conducts conversations relevant to the role by explaining and responding to questions</li> <li>Uses non-verbal modes of communication to convey information related to grading operations</li> </ul> |
| Get the work done          | <ul style="list-style-type: none"> <li>Identifies and responds to routine problems</li> <li>Uses problem-solving skills to analyse product and process faults and decide on appropriate action</li> </ul>                                   |

## Unit Mapping Information

| Code and title current version                                   | Code and title previous version                       | Comments                                                                                                                                       | Equivalence status |
|------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| FWPCOT2246<br>Appearance grade hardwood sawn and milled products | FWPCOT2212<br>Grade hardwood sawn and milled products | Revised performance evidence and knowledge evidence for mapping and clarity; updated unit code and title to reflect changes and for compliance | Equivalent unit    |

## Links

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