



Australian Government

FWPTMM3216 Plane and sand engineered wood product

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.

Application

This unit of competency describes the skills and knowledge required to plane and sand the surfaces of engineered wood products in a timber manufacturing facility, optimising product thickness while retaining its integrity.

The unit applies to individuals who operate planing and sanding equipment used in the production of engineered wood products.

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

Timber Manufactured Products (TMM)

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 planing and sanding engineered wood product	1.1 Determine job requirements from work order or instructions and, where required, check with appropriate personnel 1.2 Confirm workplace health and safety and environmental protection practices and/or procedures for task, including use of personal protective equipment and equipment lock-out

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.3 Identify and assess hazards and take actions to mitigate risks related to engineered wood product dressing operations 1.4 Obtain type and quantity of engineered wood product for planing and sanding from the production process
2. Plane and sand engineered wood product	2.1 Complete pre-start-up checks and set planing and sanding thickness and feed rate for optimal product recovery 2.2 Position material and feed at a rate appropriate to machine speed, capacity, engineered wood product thickness and condition 2.3 Plane and sand engineered wood product to specification and assess product visually throughout the process for thickness, finish quality and faults 2.4 Coordinate outfeed to ensure efficient recovery of planed and sanded material 2.5 Check dust extraction equipment regularly and clean to avoid blockages
3. Redistribute finished engineered wood product	3.1 Grade finished engineered wood product for quality and use according to industry standards 3.2 Direct material to storage or processing operations according to workplace procedures 3.3 Dispose of sub-standard material according to workplace environmental protection practices and/or procedures 3.4 Clean work area according to workplace health and safety procedures
4. Complete operator maintenance	4.1 Lock out equipment according to workplace health and safety procedures 4.2 Check planer blades and sanding belts for deterioration or damage 4.3 Remove and replace planer blades and sanding belts according to manufacturer recommendations 4.4 Keep machine area clear of dust and debris according to workplace health and safety procedures 4.5 Record and report production outcomes, equipment faults and maintenance requirements to appropriate personnel

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	Interpret routine information from work orders and manufacturer instructions for planing and sanding operations
Oral communication	Ask open and closed probing questions and actively listen to clarify contents of work orders and production documentation
Numeracy	- Estimate quantities and dimensions of materials used in planing and sanding operations - Calculate feed rate to optimise quality and quantity of production output

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPTMM3216 Plane and sand engineered wood product	FWPCOT3268 Plane and sand engineered wood products	Minor edits to unit title, Performance Criteria Updated Foundation Skills Revised Performance Evidence Minor edits to Knowledge Evidence	Equivalent

Links

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