



Australian Government

FWPWPP3235 Trim new engineered wood panels to size

Release: 1

FWPWPP3235 Trim new engineered wood panels to size

Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 4.0.

Application

This unit of competency describes the skills and knowledge required to trim new engineered wood panels to size with automated trimming saws as they progress along the production line.

The unit applies individuals who work as production operators and technicians in an engineered wood panel facility. Operators generally work under broad or limited direction to complete routine activities related to their own work, and take responsibility for their work.

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, regulatory or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Wood Panel Products

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 trimming engineered wood panels	1.1 Review work order, workplace health and safety requirements, environmental protection practices and emergency procedures and, where required, check with appropriate personnel 1.2 Identify and report hazards and use personal protective equipment according to workplace requirements and health and safety legislation

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	to maintain safe work practices 1.3 Plan material trimming sequences according to work order
2. Trim engineered wood panels to size	2.1 Use equipment according to workplace health and safety procedures, manufacturer instructions and environmental protection practices 2.2 Set feed system to stop material automatically for trimming to be completed 2.3 Monitor trimming sequence until new engineered wood panel production run ceases 2.4 Check cuts for length within a set tolerance 2.5 Dispose of incorrect cuts, off-cuts and defective material according to environmental protection practices 2.6 Stack trimmed engineered wood panels safely in designated location according to work order
3. Complete operator maintenance	3.1 Lock out equipment according to workplace health and safety procedures 3.2 Check saw blades for bluntness or damage 3.3 Remove and replace saw blades according to manufacturer recommendations 3.4 Keep saw area clear of dust, off-cuts and debris according to workplace health and safety procedures 3.5 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
Numeracy	- Identify quantities of required material within work orders, and count numbers of panels to be trimmed - Complete basic calculations of the required length to determine

Skill	Description
	saw set-up Measure finished dimensions against specifications and appropriate tolerances
Navigate the world of work	Understand main tasks, responsibilities and boundaries of own role
Interact with others	Use modes of communication suitable for the purpose to confirm and clarify understanding
Get the work done	Recognise and respond to routine problems

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPWPP3235 Trim new engineered wood panels to size	FWPWPP3221 Trim new panels to size	Updated industry terminology, workplace health and safety requirements and foundation skills; clarified intent of the unit and assessment requirements; changed unit title and code for compliance and consistency with the updates.	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>

Assessment Requirements for FWPWPP3235 Trim new engineered wood panels to size

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Performance Evidence

An individual demonstrating competency in this unit must satisfy all of the elements and performance criteria of this unit. There must be evidence that, on at least one occasion, the individual has:

- followed workplace health and safety requirements and environmental protection procedures for trimming new engineered wood products
- produced one or more of the following types of trimmed engineered wood panels according to individual work orders prescribing different lengths and tolerances and number of panels:
 - medium density fibreboard
 - laminated veneer
 - chipboard
 - fibreboard
 - plywood
 - continuous ply
- completed cutting patterns and sequences for single straight cuts and angles requiring one cutting pass set for multiple cuts of the same size
- stacked batches of cut panels in storage location according to a common length
- completed operator maintenance on the automated trimming saw used.

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:

- health and safety hazards or risks related to trimming engineered wood panels with automated trimming saws, as identified through risk assessments, manufacturer technical information, regulations and industry health and safety guides
- workplace procedures specific to trimming new engineered wood panels to size:
 - health and safety, with particular emphasis on equipment lockout, emergency procedures and use of personal protective equipment (PPE)

- use of automated trimming saw
- communication reporting lines
- recording and reporting production outcomes, equipment faults and maintenance requirements
- environmental protection practices for engineered wood panel facilities:
 - reducing water and energy use
 - cleaning of plant, tools and equipment
 - disposing of, recycling and reusing timber and other waste
- typical engineered wood panel defects and how they affect the ability to produce quality trimmed panels:
 - warp
 - wane
 - cupping
 - shakes
 - insect defects
 - knots
 - resin pockets
- cutting patterns and sequences for single straight cuts and angles requiring one cutting pass
- range of industry standard lengths, cross-sections and tolerances and applicable terminology
- typical flow of material supply in and out of the trimming area
- storage layout and categories for stacking finished engineered wood panels
- purpose, features and operation of equipment used to trim new engineered wood panels to size:
 - automated trimming saws
 - conveyor belt systems
- methods for assessing saw blade condition and completing and basic non-specialist repair and maintenance for saws.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - automated trimming saws
 - maintenance tools and equipment for saws
 - consumable saw blades
 - PPE suitable for trimming engineered wood panels to size

- engineered wood panels suitable for trimming operations
- specifications:
 - manufacturer instructions for use and maintenance of equipment
 - work order with specific instructions for trimming and storing engineered wood panels
 - template documents for recording production outcomes, equipment faults and maintenance requirements
 - workplace procedures for trimming panels to size, including health and safety and emergency procedures and environmental protection procedures.

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

Links

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