



Australian Government

FWPWPP3219 Blend and test binding mixes

Release: 2

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Modification History

Release	Comments
Release 2	This version released with FWP Forest and Wood Products Training Package Version 4.0.
Release 1	This version replaces equivalent unit FPIWPP3219B Blend and test binding mixes, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2.

Application

This unit of competency describes the skills and knowledge required to blend and test binding mixes used in the production of engineered wood panels.

The unit applies to 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 blending	1.1 Review work order, workplace health and safety requirements, environmental protection practices and emergency procedures for

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binding mix	blending binding mix 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 to maintain safe work practices 1.3 Obtain the type and quantity of binding mix for blending from storage 1.4 Select and plan blending process according to work order
2. Set up equipment and blend binding mix	2.1 Use equipment according to workplace health and safety procedures, manufacturer instructions and environmental protection practices 2.2 Set blend cycles according to work order 2.3 Measure ingredients and additives and blend to ensure minimum wastage 2.4 Transfer blend to appropriate storage location or production equipment through transfer lines without contamination 2.5 Monitor rate of including additives and, where required, adjust pumps
3. Test binding mix results	3.1 Test blend samples regularly, checking tack and adhesion properties 3.2 Interpret test results and, where required, adjust blend to achieve desired properties 3.3 Reject and dispose of incorrect blend according to environmental protection practices
4. Maintain and clean equipment	4.1 Clean blending, storage and transfer equipment according to workplace health and safety procedures 4.2 Turn off pumps and flush equipment according to manufacturer instructions 4.3 Dispose of excess blended material and additives according to environmental protection practices 4.4 Store equipment and ingredients according to workplace health and safety procedures 4.5 Record and report production outcomes and equipment faults 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 safety data sheets
Numeracy	- Identify the quantity of ingredients to meet work order production requirements, and counts amounts - Calculate routine mixing ratios for blends - Interpret numerical data from binding mix test samples
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
FWPWPP3219 Blend and test binding mixes Release 2	FWPWPP3219 Blend and test binding mixes Release 1	Updated industry terminology, workplace health and safety requirements and foundation skills; clarified the intent of the unit and assessment requirements.	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>