



Australian Government

FWPTMM3219 Develop knowledge of reconstituted wood panel production

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 develop a current understanding of the processes involved in the production of a reconstituted wood panel product, selected from chipboard, hardboard, medium and high-density fibre board (MDF), oriented strand board (OSB) or particle board. It includes types and characteristics of the selected reconstituted wood panel product, stages in the production of the reconstituted wood panel product, adhesives and adhesive systems used in the production of reconstituted wood panel product, and quality control in the production of reconstituted wood panel product.

The unit applies to individuals who are engaged in a range of operational work roles in the production of reconstituted wood panel 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>

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1. Identify properties and uses of selected reconstituted wood panel product	1.1 Identify mechanical and physical properties of reconstituted wood panel product 1.2 Identify application of reconstituted wood panel product in building and construction 1.3 Assess advantages and disadvantages of using reconstituted wood panel product as a building and construction material
2. Research production process for selected reconstituted wood panel product	2.1 Identify legislation, standards and codes of practice relevant to reconstituted wood panel production 2.2 Assess safety and environmental hazards associated with production of reconstituted wood product 2.3 Determine workflow in production of reconstituted wood product and assess factors that may impact on that workflow 2.4 Identify equipment and processes involved in production of reconstituted wood product
3. Identify adhesives and adhesive systems used in production of selected reconstituted wood panel product	3.1 Identify types, properties and hazards associated with adhesives used in production of reconstituted wood panel product 3.2 Identify types and applications of adhesive systems used in production of reconstituted wood product
4. Assess quality control checks in production of selected reconstituted wood panel product	4.1 Identify factors that influence bond quality in production of reconstituted wood product 4.2 Identify quality control check points in production of reconstituted wood product 4.2 Assess quality parameters and process data collected and monitored during production of reconstituted wood product

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
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Skill	Description
Reading	- Interpret safety data sheets on adhesives used in production of reconstituted wood panel product - Recognise key information in technical documents related to production of reconstituted wood panel product

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPTMM3219 Develop knowledge of reconstituted wood panel production	Not applicable	The unit has been created to address a skill or task required by industry that is not covered by an existing unit	Newly created

Links

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