



Australian Government

FWPSAW2212 Assemble materials using nail plates

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 6.0.

Application

This unit of competency describes the skills and knowledge required to prepare and assemble materials using nail plates. It includes stacking, strapping and despatching products in readiness for transport to a construction site.

The unit applies to production workers, sawmill workers and manufacturing assistants who undertake specified activities under the direction of more experienced workers.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Sawmilling and Processing (SAW)

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 assembly	1.1 Determine job requirements from production plan or work order and seek clarification from appropriate person where required 1.2 Identify and obtain type and quantity of material and nail plates in preparation for assembling 1.3 Confirm safety requirements for assembling materials using nail plates according to workplace safety procedures 1.4 Select, fit and use personal protective equipment (PPE)

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.5 Select appropriate tools and equipment, and check for operational effectiveness according to manufacturer recommendations
2. Assemble materials	2.1 Select pre-cut timber components from material cutting list 2.2 Reject material with defects and dispose of according to environmental requirements 2.3 Use equipment following workplace safety and environmental requirements and manufacturer instructions 2.4 Identify allowable number and position of joins from production plan 2.5 Position and clamp components ready for joining with allowable faults, joins and grain according to construction standards and grading rules 2.6 Staple components to maintain temporary alignment during assembly
3. Install nail plates	3.1 Locate nail plates, position nail plate press over joints and install nail plates according to production plan 3.2 Repair or dispose of substandard and damaged nail plates according to workplace and environmental requirements 3.3 Correct assembly faults according to workplace procedures 3.4 Identify and resolve routine processing and equipment faults, and report to appropriate person
4. Prepare material for despatch and report outcomes	4.1 Check finished material for quality, and label according to work order 4.2 Remove components from machinery and safely stack in designated location 4.3 Strap, pack and label finished material ready for transportation 4.4 Avoid wastage of strapping and packaging materials and maximise use of recycled materials 4.5 Clean work area and recycle, reuse or dispose of waste according to workplace and environmental requirements 4.6 Complete production and quality records and report according to workplace procedures

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
Writing	- Produce labels that accurately identify products in production plans and work order ready for transportation - Complete workplace records accurately and legibly using technical and industry specific vocabulary
Oral communication	- Listen actively to clarify contents of production plans and work orders - Report processing and equipment faults accurately and unambiguously using industry terminology
Numeracy	Use addition and multiplication to calculate quantity of individual and total components and nail plates

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPSAW2212 Assemble materials using nail plates	FWPSAW2205 Assemble materials using nail plates	Application and Performance Criteria reworded Updated Foundation Skills and Assessment Requirements	Equivalent

Links

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