



Australian Government

FWPSAW3248 Profile saw blanks

Release: 1

FWPSAW3248 Profile saw blanks

Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 5.0.

Application

This unit of competency describes the skills and knowledge required to calculate blade lengths and to produce tooth profiles to work orders and specifications.

The unit applies to individuals who profile saw blanks in a forest and forest product factory setting.

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 profiling	1.1 Review work order to determine job requirements and, where required, seek clarification from appropriate personnel 1.2 Review workplace health and safety requirements, including the use of personal protective equipment, equipment lock-out and safe manual handling techniques 1.3 Identify, assess and take actions to mitigate risks and hazards associated with profiling saw blanks 1.4 Identify workplace environmental protection procedures for minimising and disposing of waste material, cleaning tools and

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	equipment, and maximising energy efficiency 1.5 Select appropriate tools and equipment, and check for operational effectiveness according to manufacturer recommendations 1.6 Plan profiling process in line with work order and workplace requirements
2. Profile blanks	2.1 Calculate key saw blade dimensions 2.2 Obtain calculated blank length or cut from ribbon stock 2.3 Set up press with punches to suit saw dimensions 2.4 Punch first tooth in blank to align other teeth 2.5 Punch remaining teeth to required pitch and tooth profile 2.6 Assess performance of profiling equipment 2.7 Dispose of irreparable saw blanks according to environmental protection practices 2.8 Identify routine processing and equipment faults, and resolve or report 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	Extracts key information from operational manuals to determine safe operating procedures for equipment
Writing	Prepares routine written reports using required format, language and structure
Oral communication	Employs active listening and questioning to clarify content of work orders
Numeracy	- Performs precise calculations to profile blade saws in terms of length, width, pitch, gullet depth, and hook and back clearance angles - Uses standard units of measurement for angles, length, width and depth

Skill	Description
Navigate the world of work	Understands main tasks, responsibilities and boundaries of own role
Interact with others	Uses modes of communication suitable to purpose to confirm and clarify understanding
Get the work done	Recognises and responds to routine problems

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPSAW3248 Profile saw blanks	FWPSAW3221 Profile saw blanks	Reworded application; added performance criteria relating to workplace health and safety; revised performance evidence for mapping; updated foundation skills	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>