



Australian Government

FWPCOT3288 Set up, operate and maintain finger jointing machines

Release: 1

FWPCOT3288 Set up, operate and maintain finger jointing machines

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 coordinate finger jointing operations, including planning schedules for operators, setting up equipment for production runs, resolving processing problems and coordinating equipment shut-down and maintenance.

The unit applies to individuals who coordinate the production of finger jointed timber in a timber processing or manufacturing facility.

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

Common Technical (COT)

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. Establish finger jointing schedule	1.1 Access data in production orders on grades, quantities, cross-sections and end use to plan finger jointing schedule 1.2 Develop and document finger jointing schedule to ensure optimum

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	<p>production outcomes</p> <p>1.3 Communicate finger jointing schedule to operators according to workplace procedures</p>
2. Prepare for finger jointing operations	<p>2.1 Review work order and specifications, and check with appropriate personnel as required</p> <p>2.2 Review workplace health and safety procedures, including the use of personal protective equipment, equipment lock-out and safe manual handling techniques</p> <p>2.3 Identify, assess and take actions to mitigate risks and hazards associated with operating finger jointing machines</p> <p>2.4 Identify workplace environmental protection procedures for minimising and disposing of waste material, cleaning tools and equipment, and maximising energy efficiency</p>
3. Set up finger jointing machine and operations	<p>3.1 Check finger jointing machine and equipment for safety and operational effectiveness, and adjust set-up to meet production requirements</p> <p>3.2 Select, check and prepare cutters to suit finger profile and timber cross-sections</p> <p>3.3 Set feed rates, guides, conveyors, glue spreader and curing controls to satisfy finger profile, timber cross-section characteristics and glue requirements</p> <p>3.4 Cut trial timber joints and check finger profiles against specifications</p> <p>3.5 Machine trial cleat and join and test for strength and appearance</p> <p>3.6 Accept or reject trialled timber and dispose of waste according to environmental protection practices</p> <p>3.7 Resolve any machining problems and make final adjustments to equipment set-up according to workplace procedures and production requirements</p>
4. Start up and monitor finger jointing operations	<p>4.1 Start up finger jointing machine and process in conjunction with operators according to workplace procedures and manufacturer specifications</p> <p>4.2 Monitor finger jointing operation to ensure safety, product quality and output</p> <p>4.3 Identify routine processing and equipment faults, and resolve or</p>

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	report to appropriate personnel according to workplace procedures 4.4 Record and report production outcomes according to workplace procedures
5. Coordinate shut-down and maintenance	5.1 Coordinate finger jointing machine and equipment shut-down with operators according to workplace safety procedures 5.2 Assist maintenance personnel to identify and resolve equipment faults 5.3 Plan and coordinate routine maintenance of finger jointing machine and equipment according to workplace procedures and maintenance schedules

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	<ul style="list-style-type: none"> Performs routine arithmetic calculations to establish timber quantities required for production orders Uses standard units of measurement to determine the dimension and profiles of trialled timber and comparison with specifications and allowable tolerances
Navigate the world of work	<ul style="list-style-type: none"> Understands main tasks, responsibilities and boundaries of own role
Interact with others	<ul style="list-style-type: none"> Uses modes of communication suitable to purpose to confirm and clarify understanding
Get the work done	<ul style="list-style-type: none"> Recognises and responds to routine problems

Unit Mapping Information

Code and title	Code and title	Comments	Equivalence status

current version	previous version		
FWPCOT3288 Set up, operate and maintain finger jointing machines	FWPCOT3207 Set up, operate and maintain finger jointing operations	Minor edits; updated unit code and title for clarity and compliance	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>