



**Australian Government**

# **FWPCOT3207 Set up, operate and maintain finger jointing operations**

**Release: 1**

# FWPCOT3207 Set up, operate and maintain finger jointing operations

## Modification History

Release	Comment
1	Replaces equivalent unit FPICOT3207B Set up, operate and maintain finger jointing operations, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2.  This is the first release of this unit in the new standards format.

## Application

This unit of competency describes the outcomes required to coordinate operational logistics for finger jointing activities which includes planning schedules for operators, setting up equipment for production runs, resolving processing problems and coordinating equipment shut-down and maintenance.

The unit applies to timber process operators that co-ordinate the production of finger jointed timber in a forest products factory setting.

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

## Pre-requisite Unit

Nil

## Unit Sector

Timber Manufactured Products

Sawmilling and Processing

## Elements and Performance Criteria

<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions.</i>
1. Plan production parameters	1.1 Interpret production orders for grades, quantities, cross sections, end use and plan finger jointing operations.  1.2 Develop finger jointing schedules to ensure optimum production

	outcomes and communicate to operators in line with organisational procedures.
2. Set up and monitor jointing operation	<p>2.1 Check equipment for operational effectiveness and adjust set up to meet production requirements.</p> <p>2.2 Select, check and prepare cutters to suit finger profile and timber cross sections.</p> <p>2.3 Cut trial joints and check finger profiles against specifications.</p> <p>2.4 Set feed rates, guides, conveyors, glue spreader and curing controls to suit finger profile, timber cross section characteristics and glue requirements.</p> <p>2.5 Machine trial cleats, join, and test for strength and appearance.</p> <p>2.6 Accept or reject trialled material and dispose of in line with environmental protection practices.</p> <p>2.7 Resolve any machining problems, make final adjustments and start the jointing process.</p> <p>2.8 Monitor finger jointing processes; identify and resolve processing and equipment faults.</p> <p>2.9 Record and report production outcomes to appropriate personnel.</p>
3. Coordinate shut-down and maintenance	<p>3.1 Coordinate equipment shutdown with operators in line with organisational safety procedures.</p> <p>3.2 Assist maintenance personnel to identify and resolve equipment faults.</p> <p>3.3 Plan and coordinate routine maintenance of finger jointing equipment in line with organisational procedures and maintenance schedules.</p>

## Foundation Skills

This section describes those core and employment skills that are essential to performance and are not explicit in the performance criteria.

Numeracy skills to:	<ul style="list-style-type: none"> <li>• complete calculations to determine: <ul style="list-style-type: none"> <li>• material amounts required to satisfy production orders</li> <li>• finger jointing schedules considering human and equipment resource capacity</li> </ul> </li> <li>• interpret order sizes and set up equipment to achieve correct dimensions and profiles</li> <li>• measure trialled material dimensions and profiles against specifications and allowable tolerances.</li> </ul>
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Oral communication skills to:	<ul style="list-style-type: none"> <li>provide clear, unambiguous: <ul style="list-style-type: none"> <li>directions to operators for shutting down equipment</li> <li>information about equipment faults to maintenance personnel</li> </ul> </li> </ul>
Reading skills to:	<ul style="list-style-type: none"> <li>interpret: <ul style="list-style-type: none"> <li>production orders</li> <li>workplace health and safety and other organisational procedures</li> <li>maintenance schedules.</li> </ul> </li> </ul>
Writing skills to:	<ul style="list-style-type: none"> <li>develop finger jointing schedules in a style and format easily understood by others</li> <li>complete accurate basic records for production outcomes, equipment faults and maintenance requirements.</li> </ul>
Planning and organising skills to:	<ul style="list-style-type: none"> <li>source and organise production data to inform finger jointing schedules</li> <li>efficiently and logically sequence the stages of setting up jointing equipment and operations</li> <li>coordinate maintenance of finger jointing equipment to minimise downtime.</li> </ul>
Technology skills to:	<ul style="list-style-type: none"> <li>use a computer, keyboard and software to prepare finger jointing schedules and maintenance requests.</li> </ul>

## Range of Conditions

Not Applicable

## Unit Mapping Information

FPICOT3207B Set up, operate and maintain finger jointing operations

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>