



**Australian Government**

# **FWPWPP2207 Scarf edges of veneer**

**Release: 1**

## FWPWPP2207 Scarf edges of veneer

### Modification History

| Release | Comment                                                                                                                                                                                                                             |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | Replaces equivalent unit FPIWPP2207B Scarf edges of veneer, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2.<br><br>This is the first release of this unit in the new standards format. |

### Application

This unit of competency describes the outcomes required to overlap the end or edge of one piece of veneer over the end or edge of another (scarfing) to optimise its use in readiness for bonding to panel products.

The unit applies to production workers who scarf edges of veneer in a forest and wood products factory setting and includes operator maintenance.

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

### Pre-requisite Unit

Nil

### Unit Sector

Wood Panel Products

### 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. Prepare for scarfing                          | 1.1 Review work order and where required check with appropriate personnel.<br>1.2 Select appropriate personal protective equipment and check for operational effectiveness.<br>1.3 Obtain type and quantity of veneer to be scarfed from veneer production process.<br>1.4 Plan scarfing sequence and angle in line with work order. |

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2. Scarf veneer                  | <p>2.1 Use equipment in line with organisational safety procedures, manufacturer's instructions and environmental protection practices.</p> <p>2.2 Complete pre start-up equipment checks to ensure operational effectiveness.</p> <p>2.3 Set machine functions and feed rate for optimal product recovery.</p> <p>2.4 Select scarfing method in line with veneer being joined.</p> <p>2.5 Position veneer and feed at appropriate rate for machine speed and capacity, veneer condition and thickness.</p> <p>2.6 Scarf veneer to specification and assess veneer visually throughout scarfing process for strength and production defects.</p> <p>2.7 Coordinate out-feed to ensure efficient recovery of scarfed material.</p> |
| 3. Redistribute material         | <p>3.1 Assess joins and grade scarfed veneer in line with organisational procedures and industry standards.</p> <p>3.2 Direct material to storage or processing operations in line with work order.</p> <p>3.3 Dispose of sub-standard material in line with environmental protection practices.</p> <p>3.4 Clean work area in line with organisational safety procedures.</p>                                                                                                                                                                                                                                                                                                                                                    |
| 4. Complete operator maintenance | <p>4.1 Follow organisational safety procedures to lock out equipment.</p> <p>4.2 Check cutters or blades for bluntness or damage.</p> <p>4.3 Remove and replace cutters or blades in line with manufacturer's recommendations.</p> <p>4.4 Keep machine clear of dust and debris in line with organisational safety procedures.</p> <p>4.5 Record and report production outcomes, equipment faults and maintenance requirements to appropriate personnel.</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>• identify quantities of required material within work orders and count amounts of veneer to be processed</li> <li>• complete routine calculations for angle of joins</li> <li>• calculate feed rate to optimise quality and quantity of production</li> </ul> |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                    |                                                                                                                                                                                                                                                                    |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                    | output.                                                                                                                                                                                                                                                            |
| Oral communication skills to:      | <ul style="list-style-type: none"><li>ask questions and actively listen to clarify contents of work orders.</li></ul>                                                                                                                                              |
| Reading skills to:                 | <ul style="list-style-type: none"><li>interpret:<ul style="list-style-type: none"><li>workplace health and safety and other organisational procedures</li><li>work orders</li><li>manufacturers' instructions and maintenance recommendations.</li></ul></li></ul> |
| Writing skills to:                 | <ul style="list-style-type: none"><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>logically sequence the stages of preparation and production using work order to guide activities.</li></ul>                                                                                                                  |

## Range of Conditions

Not Applicable

## Unit Mapping Information

FPIWPP2207B Scarf edges of veneer

## Links

Companion Volume implementation guides are found in VETNet -

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

# Assessment Requirements for FWPWPP2207 Scarf edges of veneer

## Modification History

| Release | Comment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | <p>Replaces equivalent unit FPIWPP2207B Scarf edges of veneer, 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.</p> <p>Assessment requirements now specify the performance and knowledge evidence, as well as assessment conditions for this unit of competency. These sections simplify and replace components used in the previous unit format, including Required Skills and Knowledge, Evidence Guide and Range Statement</p> |

## Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit. If a specific volume or frequency is not stated below, then evidence must be provided that the following requirements have been performed on at least one occasion:

- scarf veneer in line with individual work orders that prescribe different lengths, widths, thicknesses and quantities for each job.
- for each of the above jobs, visually inspect veneer to re-classify its quality and use after scarfing.
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## Knowledge Evidence

A person competent in this unit must be able to demonstrate knowledge of:

- environmental protection practices for forest products factory settings:
  - reducing water and energy use
  - cleaning plant, tools and equipment
  - disposing of, recycling and reusing veneer and other waste
- typical flow of material supply in and out of the veneer scarfing area
- typical work flow processes and veneer scarfing techniques for optimising sheet sizes
- appropriate range of feed rates to produce specified joins and quality finish
- methods used to visually assess condition of veneer for strength and typical production defects:
  - overlaps
  - gaps

- veneer faults
- joining spacing's
- key features of industry standard grades for re-classifying quality of scarfed veneer and applicable terminology
- purpose, features and operation of equipment used to scarf edges of veneer:
- specialised scarfing machines
- lifting equipment
- methods for assessing cutter and blade condition and completing basic non-specialist repair and maintenance for scarfing machines
- organisational procedures specific to scarfing edges of veneer:
  - workplace health and safety with particular emphasis on equipment lock out and use of personal protective equipment
  - communication reporting lines
  - recording and reporting production outcomes, equipment faults and maintenance requirements.

## Assessment Conditions

The following resources must be made available:

- specialised scarfing machine
- continuous conveyor belt system
- lifting equipment
- maintenance tools and equipment
- consumable cutters and blades
- personal protective equipment suitable for scarfing veneer
- commercial veneer
- manufacturers' instructions for use and maintenance of equipment
- work order for with specific instructions for the scarfing of veneer
- template documents for recording production outcomes, equipment faults and maintenance requirements
- relevant personnel for the purposes of communicating information
- organisational procedures for scarfing veneer.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessor requirements

Assessors must:

- hold the appropriate assessor competency standards as outlined in regulations; and
- be able to demonstrate vocational competencies at least to the level being assessed; and
- be able to demonstrate how they are continuing to develop their VET knowledge and skills as well as maintaining their industry currency and assessor competence.

## Links

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