



Australian Government

**Assessment Requirements for
FWPWPP3232 Operate a heat roll bonding
machine to laminate or veneer engineered
wood panel surfaces**

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Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 4.0.

Performance Evidence

An individual demonstrating competency in this unit must satisfy all of the elements and performance criteria of this unit. There must be evidence that, on at least one occasion, the individual has:

- followed workplace health and safety requirements and environmental protection procedures for laminating engineered wood panels
- laminated one or more of the following engineered wood panels according to individual work orders prescribing different laminating thicknesses and quantities of panels:
 - medium density fibreboard
 - chipboard
 - fibreboard
 - plywood
- applied one or more of the following types of laminating material:
 - laminate
 - veneer
- stripped and cleaned the heat roll bonding machine.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- health and safety hazards or risks related to using heat roll bonding machines and ancillary equipment for laminating engineered wood panels, as identified through risk assessments, manufacturer technical information, regulations and industry health and safety guides
- workplace procedures specific to laminating engineered wood panel surfaces:
 - health and safety, with particular emphasis on equipment lockout, emergency procedures, use of personal protective equipment (PPE) and handling hazardous substances according to safety data sheets for glue

- use of laminating equipment
- communication reporting lines
- recording and reporting production outcomes, equipment faults and maintenance requirements
- environmental protection practices for engineered wood panel facilities:
 - reducing water and energy use
 - cleaning plant, tools and equipment
 - disposing of, recycling and reusing boards
 - disposing of hazardous substances
- typical flow of material supply in and out of the engineered wood panel laminating area
- properties, at a basic level of understanding, of laminating materials and their uses for different types of engineered wood panels:
 - laminate
 - veneer
- characteristics of engineered wood products types and the effects of lamination:
 - medium density fibreboard
 - chipboard
 - fibreboard
 - plywood
- typical workflow processes and techniques used to laminate and veneer engineered wood panels:
 - applying laminating material and veneer
 - spreading glue
 - heat rolling material to boards
- purpose, features and operation of equipment used to laminate or veneer engineered wood panel surfaces:
 - laminate bonding machines
 - glue spreading stations
 - heat rollers
- methods used to strip and clean laminate and veneer bonding machines.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a workplace or a productive environment that accurately reflects performance in a workplace
- resources, equipment and materials:
 - heat roll bonding machine and ancillary equipment for laminating engineered wood panels
 - maintenance tools and equipment

- PPE suitable for laminating and veneering engineered wood panel surfaces
- engineered wood panels suitable for lamination operations
- laminating material
- glue
- specifications:
 - manufacturer instructions for use and cleaning of equipment
 - work order with specific instructions for laminating and veneering engineered wood panel surfaces
 - template documents for recording production outcomes, equipment faults and maintenance requirements
 - workplace procedures for laminating and veneering engineered wood panel surfaces, including health and safety and emergency procedures and environmental protection procedures.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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