Modification history

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

| UNIT CODE |  |
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| Application | This unit of competency describes the skills and knowledge required to operate laminate and veneer bonding machines to apply laminate and veneer to engineered wood panel surfaces in a manufacturing facility.  The unit applies to individuals who work as production operators and technicians in an engineered wood panel facility. Operators generally work under broad or limited direction to complete routine activities related to own work and take responsibility for their work.  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, regulatory, or certification requirements apply to this unit at the time of publication. |
| Prerequisite Unit | Nil |
| Unit Sector | Wood Panel Products |

| Elements | Performance Criteria |
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| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Prepare for lamination work | 1.1 Review work order, workplace health and safety requirements, environmental protection practices and emergency procedures for lamination operation and where required check with appropriate personnel  1.2 Identify and report hazards and use personal protective equipment (PPE), in line with workplace requirements and health and safety legislation to maintain safe work practices  1.3 Obtain type and quantity of engineered wood panel and laminate or veneer to be adhered from the production process  1.4 Select production process in line with work order |
| 2. Apply laminate or veneer | 2.1 Use equipment in line with workplace health and safety procedures, manufacturer instructions and environmental protection practices  2.2 Complete pre start-up equipment checks to ensure operational effectiveness  2.3 Load veneer or laminate and engineered wood panel and feed in correct sequence to suit planned assembly  2.4 Adjust spreader stations to deliver material in line with required engineered wood panel cross-section distribution  2.5 Adjust glue feed, spread and tack level regularly, apply glue to engineered wood panel evenly and ensure panel remains free of foreign material  2.6 Check heat rolling process regularly to prevent creases, bubbles and other surface defects  2.7 Monitor laminate or veneer routinely for position, adhesion, contamination, finish and trim tolerances  2.8 Transfer finished engineered wood panels for further processing in line with workplace health and safety procedures  2.9 Dispose of sub-standard material in line with environmental protection practices |
| 3. Shut down and clean equipment | 3.1 Coordinate shutdown with other line operators according to workplace health and safety procedures  3.2 Strip, clean and replace gluing equipment, rollers, cauls, screens and handling equipment  3.3 Check cutters or blades for bluntness or damage and remove and replace in line with manufacturer recommendations  3.4 Keep machine clear of dust and debris in line with workplace health and safety procedures  3.5 Record and report production outcomes, equipment faults and maintenance requirements 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. | |
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| Skill | Description |
| Reading | * interpret safety data sheets for glue |
| Numeracy | * identify quantities of required material within work orders and count numbers of engineered wood panels and other materials * read basic numerical machine settings to set temperatures and glue feed rate |
| Navigate the world of work | * understand main tasks, responsibilities and boundaries of own role |
| Interact with others | * use modes of communication suitable to purpose to confirm and clarify understanding |
| Get the work done | * recognise and respond to routine problems |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| FWPWPP3XXX Laminate and veneer engineered wood panel surfaces | FWPWPP3206 Laminate and veneer board surfaces | Updated industry terminology, workplace health and safety requirements and foundation skills; clarified intent of the unit and assessment requirements; changed unit title and code for compliance and consistency with the updates | Equivalent unit |

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

| TITLE | Assessment requirements for FWPWPP3XXX Laminate and veneer engineered wood panel surfaces |
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| Performance Evidence | |
| An individual demonstrating competency must satisfy all of the elements, performance criteria and foundation skills 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 engineered wood panels in line with individual work orders prescribing different laminating thicknesses and quantities of boards; types of engineered wood panel include one or more of the following: * medium density fibreboard * chipboard * fibreboard * plywood * across those jobs, applied the following types of laminating material: * laminate * veneer * after each of the above jobs, stripped and cleaned the laminate and veneer bonding machine. | |

| Knowledge Evidence |
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| 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 laminate and veneer bonding machines as identified through risk assessments, manufacturer technical information, regulations and industry health and safety guides * workplace procedures specific to laminating and veneering engineered wood panel surfaces: * health and safety with particular emphasis on equipment lock out, emergency procedures, use of personal protective equipment and handling hazardous substances * 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 work flow processes 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 and veneer engineered wood panel surfaces: * laminate and veneer bonding machines * glue spreading stations * heat rollers * methods used to strip and clean laminate and veneer bonding machines. |

| Assessment Conditions |
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| 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: * laminate and veneer bonding machines * glue spreading stations * heat rollers * maintenance tools and equipment * personal protective equipment suitable for laminating and veneering engineered wood panel surfaces * commercial engineered wood panels * 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. * relationships: * relevant personnel for the purposes of communicating information.   Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards. |

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