Modification history

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

| UNIT CODE | FWPWPP3XXX Laminate engineered wood panels |
| --- | --- |
| Application | This unit of competency describes the skills and knowledge required to operate laminating presses and ancillary equipment to laminate engineered wood panels with treated material in a manufacturing facility.  The unit applies individuals who work as production operators and technicians. 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 |
| --- | --- |
| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Prepare for laminating engineered wood panels | 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 laminating material from the production process  1.4 Select production process in line with work order |
| 2. Laminate engineer wood panels | 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 material and engineered wood panel and feed in correct sequence to suit planned assembly  2.4 Check pressing process regularly to prevent creases, bubbles or other surface defects  2.5 Monitor engineered wood panel and laid up material for position, adhesion, contamination and finish  2.6 Transfer finished engineered wood panels for further processing in line with workplace health and safety procedures  2.7 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 in line with workplace health and safety procedures  3.2 Strip and clean laminating press in line with workplace procedures  3.3 Dispose of or store excess bonding agent in line with environmental protection practices  3.4 Keep machine clear of dust and debris in line with workplace health and safety procedures  3.5 Record and report production outcomes and equipment faults 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. | |
| --- | --- |
| Skill | Description |
| Reading | * interpret safety data sheets for bonding agents |
| Oral communication | * ask questions and actively listen to clarify contents of work orders |
| Numeracy | * identify quantities of required material within work orders and count numbers of panels * read basic numerical machine settings to set temperatures |
| 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 |

|  |  |  |  |
| --- | --- | --- | --- |
| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| FWPWPP3XXX Laminate engineered wood panels | FWPWPP3210 Laminate board | 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 |

|  |  |
| --- | --- |
| 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 engineered wood panels |
| --- | --- |
| 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; types of engineered wood panels include: * medium density fibreboard * chipboard * plywood * fibreboard * applied different types of laminating material which include: * laminate * veneer * treated paper * after each of the above jobs, stripped and cleaned the laminating press. | |

| 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 laminating presses and ancillary equipment as identified through risk assessments, manufacturer technical information, regulations and industry health and safety guides * workplace procedures specific to laminating engineered wood panel: * 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 and equipment faults * environmental protection practices for engineered wood panel facilities: * reducing water and energy use * cleaning plant, tools and equipment * disposing of, recycling and reusing engineered wood panels * 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 * treated paper * characteristics of engineered wood panel types and the effects of lamination: * medium density fibreboard * chipboard * plywood * fibreboard * typical work flow processes techniques used to laminate engineered wood panels: * applying laminating material * spreading bonding agent * compressing laminating material to panel * purpose, features and operation of equipment used to laminate engineered wood panels: * laminating press with bond spreading stations * feeding systems * methods used to: * strip and clean laminating presses * safely store bonding agents. |

| Assessment Conditions |
| --- |
| Assessment of skills must take place under the following conditions:   * physical conditions: * skills must be demonstrated in an environment that accurately represents workplace conditions * resources, equipment and materials: * laminating press with bond spreading stations * feeding systems * personal protective equipment suitable for laminating engineered wood panels * commercial engineered wood panels * laminating material * bonding agent * specifications: * manufacturer instructions for use and cleaning of equipment * work order with specific instructions for laminating engineered wood panel * template documents for recording production outcomes and equipment faults * workplace procedures for laminating engineered wood panel 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. |

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