



Australian Government

Assessment Requirements for FWPCOT3336 Coordinate set up and operation of timber finger jointing line

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 8.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has coordinated the set-up and operation of a finger jointing line for one production cycle according to work order and workplace health and safety requirements.

In performing this task, the individual has:

- assessed hazards associated with finger jointing operations
- developed and documented finger jointing schedule for one production cycle
- communicated finger jointing schedule to operators
- checked finger jointing equipment for safety and operational effectiveness
- complied with legislation, standards and codes of practice relevant to timber jointing operations
- set up finger jointing equipment to meet production requirements
- coordinated cutting of trial timber joints and checked against specifications
- coordinated start-up of finger jointing line in conjunction with operators
- monitored finger jointing operation to ensure safety, product quality and output
- identified and responded to routine processing and equipment faults
- completed production reports
- coordinated routine maintenance of finger jointing equipment.

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:

- legislation, standards and codes of practice relevant to timber jointing operations
- operational capacity of finger jointing equipment
- workflow processes for finger jointing operations

- methods of determining finger jointing schedules to maximise equipment, labour and material use
- format, content and use of finger jointing schedules
- monitoring processes for jointing machines and overall production process
- typical processing and equipment faults and solutions for minimal production disruption
- industry standard cross-sections, their strength, tolerances and applicable terminology
- purpose, features, operation and maintenance requirements of automated finger jointing line:
 - finger jointing machine stations and equipment
 - safety features
 - glue spreader
 - conveyors
- types of risk and hazards and mitigation measures associated with finger jointing operations
- workplace policies and procedures specific to finger jointing operations, including:
 - health and safety, with particular emphasis on equipment lock-out, use of personal protective equipment (PPE) and safe manual handling techniques
 - use of finger jointing machine and equipment
 - communication reporting lines
 - recording and reporting finger jointing schedules, production outcomes and maintenance schedules, equipment faults and maintenance requirements
- environmental protection requirements and practices for timber processing and manufacturing facilities, including:
 - reducing water and energy use
 - cleaning plant, tools and equipment
 - disposing, recycling and reusing timber and other waste.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a timber processing plant, timber product manufacturing plant or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - computers, keyboards, printers and software used to prepare finger jointing schedules and maintenance documents
 - automated finger jointing line
 - consumable glue and cutters
 - PPE suitable for finger jointing operations
 - timber for finger jointing operations

- specifications:
 - production orders with workplace information about grades, quantities and cross-sections for specified finger jointed timber products
 - template documents for recording finger jointing schedules, production outcomes, and maintenance schedules for finger jointing equipment
 - workplace procedures for finger jointing operations
- relationships:
 - work team required for operation of finger jointing line.

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>