



Australian Government

Assessment Requirements for FWPTMM3214 Assemble timber floor trusses

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 6.0.

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 assembled timber floor trusses on at least two occasions.

In performing this assembly work, there must be evidence that the individual has:

- assembled pre-cut timber truss members and nail plate components with allowable tolerances and to job specifications
- set up and operated a truss press
- prepared timber truss products for despatch according to job design and specifications.

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:

- workplace quality requirements relevant to assembling timber floor trusses
- workplace environmental policy and procedures for disposing of, recycling and reusing waste materials
- workplace safety requirements relevant to assembling timber floor trusses:
 - safe operation of machinery and equipment
 - exposure to excessive noise
 - hazardous manual tasks
 - use of personal protective equipment (PPE)
 - exposure to dust
 - hazard identification and controls
- processes, procedures and techniques for:
 - flow of material supply in and out of the floor truss assembly area
 - assembly sequences and jig and press operation

- stacking and storing materials
- labelling products for identification and transportation
- stacking, binding and protecting finished products ready for despatch
- workplace communication and reporting lines
- recording and reporting assembly outcomes and equipment faults
- functional and operational features of tools, equipment and machinery for floor truss assembly:
 - measuring and marking equipment
 - electric circular saws
 - docking saws
 - drills
 - assembly jigs
 - assembly table
 - nail plate presses
 - staple and nail guns
 - compressor or compressed air supply
 - strapping equipment
- characteristics, properties and limitations of timber products and components:
 - hardwood, softwood and manufactured timber product
 - various metal connector plates
- timber defects and impact on finished product:
 - warp
 - wane
 - cupping
 - shakes
 - insect defects
 - knots
 - resin pockets
- industry terminology related to floor truss assembly.

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 manufacturing or processing facility or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - timber products and connector plates
 - assembly tables or jigs and press equipment to produce timber floor trusses

- specifications:
 - access to workplace policies and procedures, job design specifications and work orders applicable to assembling timber floor trusses
 - access to workplace safety and environmental requirements applicable to assembling timber floor trusses
- relationships:
 - supervisor or team member.

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>