



Australian Government

Assessment Requirements for FWPCOT3308 Assemble timber wall frames

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 a minimum of 50 lineal metres of timber wall frames that include:

- load-bearing and non-load-bearing frames
- internal, external corners and T-intersections
- strapping, packing, labelling and pre-slinging completed products ready for despatch.

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 wall frames
- workplace environmental policy and procedures for disposing of, recycling and reusing waste materials
- workplace safety requirements relevant to assembling timber wall frames:
 - safe operation of machinery, tools and equipment
 - exposure to excessive noise
 - hazardous manual tasks
 - hazard identification and controls
 - use of personal protective equipment (PPE)
 - exposure to dust
- processes, procedures and techniques for:
 - flow of material supply in and out of the wall frame assembly area
 - assembly sequences using a jig or assembly table
 - 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:
 - measuring and marking equipment
 - electric circular saws
 - docking saws
 - drills
 - assembly jigs
 - assembly table
 - 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 products
 - metal connector plates and straps
- timber defects:
 - warp
 - wane
 - cupping
 - shakes
 - insect defects
 - knots
 - resin pockets
- industry terminology related to timber wall assembly:
 - studs
 - top and bottom plates
 - lintels
 - trimmers
 - nogging
 - bracing
- typical assembly faults triggering correction to ensure product quality:
 - incorrectly positioned joints
 - timber splits from nailing
 - incorrectly positioned hardware.

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 frame fabrication facility or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - timber products and components to assemble timber frames
 - equipment, tools and machinery to assemble wall frames and finalise frames for despatch
- specifications:
 - access to work order or fabrication plan detailing frame assembly to be undertaken
 - access to workplace safety and environmental policies and procedures applicable to assembling timber wall frame
- 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>