



Australian Government

Assessment Requirements for FWPCOT3320 Build and maintain timber stacks

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 safely built and maintained a minimum of four different timber stacks, and safely repaired faults in at least one timber stack.

In doing this, there must be evidence that the individual has:

- built stacks in accordance with traffic management plan, workplace safety and environmental procedures
- built stable and secure stacks protected from damage
- recorded and reported timber stack and fault information.

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 safety and environmental requirements, site standards and workplace policies and procedures for building and maintaining timber stacks
- procedures, methods and techniques for:
 - levelling and stabilising individual packs
 - determining ratio, grading, colour identification and tagging of stacked timber
 - monitoring and inspecting packs
 - identifying and repairing common faults in stacks
 - partially or fully rebuilding and restabilising stacks using restraints
 - verbal and non-verbal communication
 - recording and reporting workplace information
- factors essential to building and maintaining timber stacks:
 - width, length, height and weight of stack
 - duration of storage

- type and strength of timber
- type of lifting equipment
- ground condition and stability in terms of slope, evenness, contamination and drainage
- air-drying structure
- unexpected obstacles
- slippery or uneven surfaces
- pedestrians on or near the timber stack
- visibility
- ground strength to withstand the load of stacks and machinery
- location of walkways, pathways and stores
- top surface of ground
- location of stack, inside, outside, under cover, in the open
- storage area organisation
- machinery and equipment requirements
- weather conditions
- selecting and using types and length of bearers:
 - straight and structurally sound
 - identical in length in cross-section
 - not protruding from the stack
 - not shorter than the stack
 - good condition and laid flat
 - able to withstand the environment
 - checked for consistent thickness and shape
 - correctly positioned
- factors contributing to avoidable loss:
 - inadequate stack support and unstable stacking
 - packs that are not level
 - exposing the stack to adverse drying conditions
 - inadequate stack conditions (poor drainage, stacks close to ground)
 - inappropriate site layout
 - inadequate stack protection and pack damage
 - timber stacked too high
- key components of a traffic management plan relevant to timber stacking
- industry terminology relevant to building and maintaining timber stacks to communicate safety issues, confirm job requirements and report product and stack issues and defects
- use and maintenance of timber stacking tools and equipment:
 - powered mobile machinery equipment faults or damage
- workplace safety requirements relevant to building and maintaining timber stacks:
 - impact of fatigue, and fatigue management
 - hazard identification and risk management

- hazardous manual tasks
- erection of exclusion zones and signage
- personal protective equipment (PPE)
- environmental requirements for recycling and reusing material with faults and safely disposing of waste material.

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 manufacturing or processing facility or timber yard or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - products to build and maintain four timber stacks
 - tools and equipment to build and maintain timber stacks
 - personal protective equipment
- specifications:
 - access to workplace safety and environmental policies and procedures applicable to building and maintaining timber stacks
 - access to work order and traffic management plan to build and maintain timber stacks
- relationships:
 - person to confirm work orders and report issues with building and maintaining timber stacks.

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>