



Australian Government

**Assessment Requirements for
FWPCOT3264 Build and maintain timber
stacks**

Release: 1

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Modification History

Release	Comment
1	<p>Replaces equivalent unit FPICOT3264 Build and maintain timber stacks, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2. This is the first release of this unit in the new standards format.</p> <p>Assessment requirements now specify the performance and knowledge evidence, as well as assessment conditions for this unit of competency. These sections simplify and replace components used in the previous unit format, including Required Skills and Knowledge, Evidence Guide and Range Statement</p>

Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit. If a specific volume or frequency is not stated below, then evidence must be provided that the following requirements have been performed on at least one occasion:

- stack timber and maintain timber stacks in line with safe work procedure, site standards and organisational requirements
- follow organisational policies and procedures relevant to building and maintaining a timber stack
- use safety gear and equipment required to build and maintain a timber stack, in line with site requirements
- communicate and work safely with others in the workplace
- identify and control hazards and risks associated with building a timber stack, in line with workplace requirements
- safely build timber stacks appropriate to the needs of the workplace
- record and report required timber stack and fault information in line with site requirements
- safely repair faults in a timber stack.

Knowledge Evidence

A person competent in this unit must be able to demonstrate knowledge of:

- work health and safety requirements, site standards and organisational policies and procedures for building and maintaining timber stacks

- procedures for conducting a risk assessment which includes:
 - level and stability of individual packs
 - type of bearers
 - width, length and height of stack
 - weight of packs and stacks
 - 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
 - powered mobile machinery equipment faults or damage
 - 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
 - monitoring and inspection procedures
 - storage area organisation
 - injury due to lifting, bending or crushing
 - machinery and equipment requirements
 - weather conditions.
- procedures for identifying hazards and risks associated with building and maintaining timber stacks as outlined in the range statement
- the use and importance of bearers including these needs:
 - be straight and not have knots
 - be identical in length in cross-section
 - not protrude from the stack
 - not be shorter than the stack
 - be laid flat
 - be in good condition
 - be able to withstand the environment
 - be checked for consistent thickness and shape
 - be correctly positioned
- criteria for site surface stability and building a stack

- factors contributing to avoidable loss including:
 - inadequate stack support
 - 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
 - pack damage
 - unstable stacking
 - timber stacked too high
- key components of a traffic management plan including:
 - ensure pedestrians are separated from powered mobile plants
 - allow safe entry and exit of mobile equipment and pedestrians
 - identify the most efficient route of travel
 - facilitate traffic flows
 - reduce the frequency of interaction with powered mobile plant
 - substitute a forklift with other suitable load shifting equipment
- methods to visually estimate length of bearers and ratio, grading, colour identification and tagging of stacked timber
- lengths, dimensions, tolerances, profiles and names of industry standard cross-sections
- communication strategies including hand signals and gestures
- common timber stack repair aspects including:
 - cordon off area from pedestrian access
 - install danger warning signage
 - replace damaged racking sticks, bearers or restraints
 - stabilise ground conditions, including top surface
 - stabilise packs and stacks
 - partially or fully rebuild packs and stacks
 - assess need for additional restraints
 - tighten loose restraints
- timber stacking tools and equipment, and procedures for their safe use and maintenance
- procedures for recording and reporting workplace information
- 'Fit for work' requirements, the impact of fatigue, and organisational policy and procedures for fatigue management
- standards for height of a timber stack inside, under cover and in the open.
- environmental protection requirements, including criteria for recycling and reusing material with faults and safely disposing of waste material.

Assessment Conditions

Assessment conditions

The following resources must be made available:

- organisational policies and procedures relevant to building and maintaining timber stacks
- powered mobile machinery used to build and maintain timber stacks
- work order identifying timber stack site plan.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessor requirements

Assessors must:

- hold the appropriate assessor competency standards as outlined in regulations; and
- be able to demonstrate vocational competencies at least to the level being assessed; and
- be able to demonstrate how they are continuing to develop their VET knowledge and skills as well as maintaining their industry currency and assessor competence.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>