



Australian Government

Assessment Requirements for FWPCOT2225 Chip or flake wood

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPICOT2225B Chip or flake wood, 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. 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

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:
- produce chips and flakes of varying sizes and grades in line with individual work orders
- complete assessments of the source wood for:
 - species
 - size
 - moisture content
 - contamination issues.

Knowledge Evidence

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

- environmental protection practices for forest products factory settings:
 - reducing water and energy use
 - cleaning plant, tools and equipment
 - disposing of, recycling and reusing timber
- characteristics of wood for assessment and how these affect finished wood chips and flakes:
 - species
 - size
 - moisture content

- typical contamination issues associated with wood, and how these affect ability to produce quality chips and flakes:
 - logs
 - billets
 - off-cuts
 - waste timber
 - down grade timber
 - residue
 - chips
 - reject boards
- stages of the chip and flake production process
- industry and organisational specific quality specifications for wood chips and flakes
- types of tools and equipment used to chip and flake wood; their purpose, features, operation and basic non-specialist repair and maintenance:
 - chippers
 - hoggers
 - shredders and knife mills
 - mechanised feed systems
 - conveyors
 - chutes or track systems
- methods for assessing blade and knife condition
- organisational procedures specific to chipping and flaking wood:
 - workplace health and safety with particular emphasis on equipment lock out
 - use and maintenance of equipment
 - communication reporting lines
 - recording and reporting production outcomes and equipment faults.
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Assessment Conditions

The following resources must be made available:

- tools and equipment used to chip and flake wood:
 - chippers
 - hoggers
 - shredders and knife mills
 - mechanised feed systems
 - conveyors
 - chutes or track systems
- maintenance tools and equipment for removing and replacing blades and knives
- consumable components; blades and knives
- personal protective equipment suitable for chipping and flaking wood

- wood materials for processing
- manufacturers':
 - instructions for equipment use
 - recommendations for cleaning, repairing and maintaining
- work order with specific instructions for assessing wood and chip and flake requirements
- template documents for recording production outcomes and equipment faults
- organisational procedures for chipping and flaking wood
- relevant personnel for the purposes of communicating information.

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>