Assessment Requirements for FWPSAW2208 Split wood products

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Modification History

Release	Comments
Release 2	This version released with FWP Forest and Wood Products Training Package Version 3.0.
Release 1	This version released with FWP Forest and Wood Products Training Package Version 2.0.

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:

- follow organisational policies and procedures relevant to splitting wood products
- split wood products in line a work order and within prescribed organisational specifications
- store wood products in line with organisational requirements and OHS regulations
- complete these types of basic non-specialist maintenance:
  - cleaning the machine of wood chips and sawdust
  - replacing blunt saw blades
  - inspecting machine parts for wear or damage, including guards
  - greasing and lubricating moving parts
  - checking the operation of emergency stop buttons and lock out systems.

Knowledge Evidence

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

- purpose, features and operation of equipment used to split wood products:
  - hydraulic axe and rams
  - circular saws
  - bench saws
  - band saws
  - maintenance tools and equipment for saws
- typical work flow processes for splitting posts or firewood
- typical flow of timber supply in and out of the sawing area

- range of cutting patterns used on timber to achieve maximum output of split posts and firewood
- range of feed rates and how they affect production output and finished quality of split posts and firewood
- methods for assessing saw blade condition
- characteristics of timber and timber defects
- splitting processes, feed rates and finish
- blade condition assessment
- storage systems and labelling
- environmental protection practices for forest products factory settings:
    - reducing water and energy use
    - cleaning plant, tools and equipment
    - disposing of, recycling and reusing timber

typical timber defects and how they affect ability to produce quality split posts and firewood:

- incorrect moisture content
- warp
- wane
- curvature
- cupping
- shakes
- insect defects
- knots
- resin pockets
- organisational policies and procedures specific to producing splitting wood products:
    - workplace health and safety with particular emphasis on equipment lock out and use of personal protective equipment
    - communication reporting lines
    - recording and reporting processing problems and equipment faults.
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Assessment Conditions

The following resources must be made available:

- one or more of the following tools and equipment used to split wood products:
    - hydraulic axe and rams
    - circular saws
    - bench saws
    - band saws
- maintenance tools and equipment for saws
- consumable saw blades
- personal protective equipment suitable for splitting wood products

- a selection of round wood
- manufacturers':
  - instructions for equipment use
  - recommendations for repairing and maintaining equipment
- work order with specific instructions for splitting wood products and despatch to downstream processing
- template documents for recording equipment faults and maintenance requirements
- relevant personnel for the purposes of communicating information
- organisational procedures for splitting wood products.

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