



Australian Government

Assessment Requirements for FWPWPP3216 Press material using the daylight process

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Modification History

Release	Comment
1	<p>Replaces equivalent unit FPIWPP3216B Press material using the daylight process, 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:

- compress material using the daylight process in line with individual work orders that prescribe different quantities; types of materials for compression include:
 - chips
 - fibre
 - flakes
- assess formed material for moisture content, weight, thickness, density and defects and adjust forming cycle times, pressures and temperatures to produce quality outputs
- after each of the above jobs, complete operator maintenance to clean equipment.

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 and other waste
- typical flow of material supply in and out of the pressing area
- typical work flow processes and processing techniques used to compress material using formers and a heat driven press system

- purpose, features and operation of equipment used to press material using the daylight process:
 - daylight process presses driven by steam pressure, including pneumatic or hydraulic loading and unloading equipment
 - pre-presses
 - formers
 - forming equipment:
- mats
- screens
- trays
- plates
 - press bars or stops
 - cooling receivers
 - blending equipment
 - trimming equipment
- appropriate cycle times, pressures and temperatures for the materials that can be compressed:
 - chips
 - fibre
 - flakes
- methods used to assess formed material for moisture content, weight, thickness, density and defects
- features of typical defects in formed materials:
 - surface blemishes
 - discolouration
 - natural timber defects
 - forming deformities
- methods used to strip and clean equipment
- organisational procedures specific to pressing material using the daylight process:
 - workplace health and safety with particular emphasis on equipment lock out and use of personal protective equipment
 - communication reporting lines
 - recording and reporting production outcomes and equipment faults.

Assessment Conditions

The following resources must be made available:

- tools and equipment for pressing material using the daylight process which must include at least one of the following:
 - daylight process presses driven by steam pressure
 - pre-presses

- formers
- forming equipment which must include at least one of the following:
- mats
- screens
- trays
- plates
 - press bars or stops
 - cooling receivers
 - blending equipment
 - trimming equipment
- personal protective equipment suitable for pressing material using the daylight process
- commercial material to be compressed which must include at least one of the following:
 - chips
 - fibre
 - flakes
- manufacturers' instructions for use and cleaning of equipment
- work order with specific instructions for pressing material using the daylight process
- template documents for recording production outcomes and equipment faults
- relevant personnel for the purposes of communicating information
- organisational procedures for pressing material using the daylight process

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>