



Australian Government

Assessment Requirements for FWPWPP3213 Heat treat material

Release: 1

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Modification History

Release	Comment
1	<p>Replaces equivalent unit FPIWPP3213B Heat treat material, 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.</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:

- operate an oven to heat treat materials in line with individual work orders prescribing different quantities for each job. Materials for treatment include:
 - logs
 - raw boards
 - laminated panels
 - coves
 - board
 - medium density fibreboard
 - plywood
- for each of the above jobs, direct materials to appropriate storage location or to downstream processing
- after each of the above jobs, complete operator maintenance on the oven used.

Knowledge Evidence

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

- environmental protection practices for operating and maintaining heat treatment ovens:
 - reducing water and energy use
 - cleaning plant, tools and equipment
 - disposing of, recycling and reusing defective materials

- purpose of heat treating materials
- characteristics of materials, effects of the heat treatment process and appropriate range of temperatures and humidity levels:
 - logs
 - raw boards
 - laminated panels
 - coves
 - board
 - medium density fibreboard
 - plywood
- methods used to visually assess condition of materials and measure moisture content after the treatment process
- typical work flow processes and heat treatment techniques
- typical flow of material supply in and out of the heat treatment area
- purpose, features and operation of equipment used for heat treating materials:
 - standard or controlled humidity type ovens including:
 - temperature and humidity settings
 - water drainage
 - atomising sprays
 - fans
- racks
- different types of lifting equipment which including:
 - fork lifts
 - slings
 - trolley jacks
 - gantry cranes
 - loaders
- moisture probes
- methods used to maintain heat treatment ovens
- organisational procedures specific to heat treating materials:
 - workplace health and safety with particular emphasis on equipment lock out and use of personal protective equipment
 - communication reporting lines
 - recording and reporting process outcomes, equipment faults and maintenance requirements.
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Assessment Conditions

Links

Companion Volume implementation guides are found in VETNet -

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