



Australian Government

Assessment Requirements for FWPSAW2210 Prepare for timber treatment operations

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPISAW2210B Prepare for timber treatment operations, 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:

- assist with the chemical timber treatment process in line with individual work orders for timber types, to be chosen from the following list:
 - native timber species
 - imported timber species
 - dressed timber
 - in-the-rough timber
 - stress and non-stress graded timber
 - sleepers
 - logs
 - rounded poles
 - beams
 - laminated beams
- across the above jobs, check and maintain the strength and volume of preservative solutions including:
 - water-borne solutions
 - oil-based solutions
 - solvent-based solutions
- at the completion of each of the above jobs, store chemicals and report on stock levels.
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Knowledge Evidence

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

- environmental protection practices for chemically treating timber:
 - reducing water and energy use
 - cleaning plant, tools and equipment
 - disposing of hazardous substances
- storage layout and categories for:
 - raw materials
 - storing finished boards
 - chemicals and preservative solutions
- properties, at a basic level of understanding, of chemicals used to treat timber and their purpose:
 - light organic solvent chemicals
 - preservative solutions:
 - water-borne solutions
 - oil-based solutions
 - solvent-based solutions
- personal safety risks associated with handling and using chemicals and methods used to minimise these
- methods used to safely store chemicals
- typical work flow processes for chemically treating timber
- purpose, features and operation of equipment used to chemically treat timber including from the following list:
 - treaters
 - vats
 - ovens
 - resin tanks
 - effluent tanks
- organisational procedures specific to chemically treating timber including:
 - workplace health and safety with particular emphasis on equipment lock out, use of personal protective equipment and handling hazardous substances
 - communication reporting lines
 - recording and reporting chemical stock levels, processes and equipment faults.

Assessment Conditions

The following resources must be made available:

- equipment used to chemically treat timber:
 - treaters
 - vats

- ovens
- resin tanks
- effluent tanks
- personal protective equipment required for chemically treating timber
- one or more of the following types of timber to be chemically treated:
 - native timber species
 - imported timber species
 - dressed timber
 - in-the-rough timber
 - stress and non-stress graded timber
 - sleepers
 - logs
 - rounded poles
 - beams
 - laminated beams
- light organic solvent chemicals used to treat timber
- one or more of the following preservative solutions:
 - water-borne solutions
 - oil-based solutions
 - solvent-based solutions
- manufacturers 'safety data sheets, or equivalent plain English information, for chemicals and preservative solutions
- work order with specific instructions for chemical treatment of timber
- template documents for recording chemical stock levels, processes and equipment faults
- organisational procedures for chemically treating timber
- a suitably licensed person to monitor and supervise handling of CCA during assessment

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>

