



Australian Government

Assessment Requirements for FWPSAW3222 Recondition band mill wheels

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPISAW3222B Recondition band mill wheels, 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:

- follow organisational policies and procedures relevant to reconditioning band mill wheels
- recondition band mill wheels in line with the work order and within prescribed organisational requirements
- remove and replace wheels from band mill if faces are to be resurfaced on a metal lathe
- assess band mill wheel conditions in line with standard operating procedures.

Knowledge Evidence

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

- purpose, features and operation of a band and wide band saw mill wheels
- features and names of different parts of band mills
- purpose, features and operation of tools and equipment used to recondition band mill wheels:
 - grinding equipment
 - measuring equipment
- importance of aligning band mill wheels to the specified profile for continued accuracy during band saw operation
- methods for:
 - removing wheels from band mills

- assessing condition of wheels
- grinding the faces of the band mill wheels to specified requirements
- re-assembling band mill components
- setting up band saw on mill to specific alignment
- testing operational effectiveness of band saws and mills
- wheel profiles and appropriate tolerances
- range of speeds at which abrasive grinders can be operated without damaging band mill wheels
- organisational policies and procedures specific to reconditioning band mill wheels:
 - workplace health and safety with particular emphasis on equipment lock out and use of personal protective equipment
 - communication reporting lines
 - recording and reporting processing and equipment faults.
- environmental protection practices for repairing and maintaining tools and equipment in forest products factory settings:
 - reducing water and energy use
 - cleaning plant, tools and equipment
 - disposing of, recycling and reusing materials.

Assessment Conditions

The following resources must be made available:

- tools and equipment used to recondition band mill wheels:
 - grinding equipment
 - measuring equipment
- band mills including the entire mechanical structure and componentry that make up the machine
- mill wheels to be reconditioned:
 - band and wide band mill wheels
- personal protective equipment suitable for reconditioning band mill wheels
- manufacturers' instructions for use, repair and maintenance of equipment
- work order for repair and maintenance activities with specific instructions for reconditioning band mill wheels in specified equipment
- template documents for recording processing and equipment faults
- relevant personnel for the purposes of communicating information
- organisational policies and procedures for reconditioning band mill wheels.

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