



Australian Government

Assessment Requirements for FWPSAW3213 Level and tension circular saws

Release: 2

Assessment Requirements for FWPSAW3213 Level and tension circular saws

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 levelling and tensioning circular saws
- level and tension circular saws in line with a work order and within prescribed organisational requirements
- remove and replace circular saws from equipment
- assess circular saw 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 circular saws for which blades are levelled and tensioned:
 - circular saws
 - hot saws
 - cold saws
- features and names of different parts of circular saw blades
- purpose, features and operation of tools and equipment used to level and tension circular saw blades:
 - hammers
 - stretcher rolls
 - levelling rolls
 - tensioning instruments

- gauges and straight edges
- importance of levelling blades, setting tension and applying curvature to match requirements for:
 - characteristics of various materials sawn
 - speed of the sawing process
 - direction of the sawing process
 - cutting angle for sawing
 - saw blade specifications
- methods for:
 - removing saw blades from circular saws
 - assessing saw blade condition
 - levelling and tensioning blades to specified requirements
 - applying curvature
- characteristics of metal used in circular saw blades and range of force which can be applied without damaging blades
- organisational policies and procedures specific to levelling and tensioning circular saw blades:
 - 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 level and tension circular saw blades:
 - hammers
 - stretcher rolls
 - levelling rolls
 - tensioning instruments
 - gauges and straight edges
- circular saws to be repaired or maintained:
 - circular saws
 - hot saws
 - cold saws
- circular saw blades to be levelled and tensioned:

- circular cross cut blades used for cutting timber products
- rip saw blades used for cutting timber products
- personal protective equipment suitable for levelling and tensioning circular saw blades
- manufacturers' instructions for use, repair and maintenance of equipment
- work order for repair and maintenance activities with specific instructions for levelling and tensioning circular saw blades in specified equipment
- document, spreadsheets and commonly used proformas for recording processing and equipment faults
- relevant personnel for the purposes of communicating information
- organisational policies and procedures for levelling and tensioning circular saw blades.

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>