



Australian Government

Assessment Requirements for FWPSAW3214 Join band saw blades

Release: 2

Assessment Requirements for FWPSAW3214 Join band saw blades

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 join band saw blades
- join band saw blades in line with a work order and within prescribed organisational requirements
- complete these processes:
- remove saw blades from band saws
- weld blades to specified requirements
- grind surplus weld material
- remove all distortions from the blade surface
- tension the weld zone
- adjust back length of the blade
- clean welded zone.

Knowledge Evidence

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

- purpose, features and operation of band saws
- features and names of different parts of band saw blades
- purpose, features and operation of tools and equipment used to join band saw blades:
 - band saw welding equipment
 - grinding and finishing equipment
- importance of joining blades to suit machine design requirements

- weld defects and effects on blade operation
- methods for:
 - removing saw blades from band saws
 - welding blades to specified requirements
 - grinding surplus weld material
 - removing all distortions from the blade surface
- organisational policies and procedures specific to joining band 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 join band saw blades including:
 - band saw welding equipment
 - Gas Metal Arc Welding (GMAW)
 - Gas Tungsten Arc Welding (GTAW)
 - Manual Metal Arc Welding (MMAW)
 - oxyacetylene equipment
 - grinding and finishing equipment
 - hand or power operated tools
- band saws for which blades are to be joined
- saw blades:
 - narrow and wide band saw blades that cut both ferrous and non-ferrous material
 - frame (gangsaw) blades
- personal protective equipment suitable for joining band saw blades
- manufacturers' instructions for use, repair and maintenance of equipment
- work order for repair and maintenance activities with specific instructions for joining band saw blades for specified equipment
- documents, spreadsheets and commonly used proformas for recording processing and equipment faults
- organisational policies and procedures for joining band 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>