



Australian Government

Assessment Requirements for FWPCOT2262 Cut material to shape using a saw

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 6.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has, for at least two different work orders, cut material to shape and completed basic non-specialist maintenance, using one or more of the following saws:

- band saw
- jig saw
- computer numerical control (CNC) saw.

Material to be cut must include two or more of the following:

- native timber species
- imported timber species
- dressed timber
- in-the-rough timber
- stress and non-stress graded timber
- preservative treated timber
- medium density fibreboard
- laminated veneer
- chipboard
- fibreboard and other manufactured board products.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- types, purpose, features, operation and basic non-specialist repair and maintenance of tools and equipment used for cutting material to shape, including:
 - measuring equipment

- band saws
- jig saws
- CNC saws
- machine guides
- methods for assessing saw blade condition
- shapes, feed rates and finish used for timber products
- environmental requirements for forest products processing settings:
 - cleaning plant, tools and equipment
 - disposing of, recycling and reusing timber
- storage layout and categories for:
 - raw materials
 - stacking finished materials
- typical timber defects and effect on producing a quality finished shaped timber product:
 - warp
 - wane
 - cupping
 - shakes
 - insect defects
 - knots
 - resin pockets
- workplace policies and procedures specific to cutting material to shape
- workplace safety requirements relevant to cutting materials using a saw:
 - equipment lock-out
 - use and maintenance of personal protective equipment (PPE), equipment and machinery
 - hazard identification and control measures
 - job safety and environmental analysis (JSEA)
- recording and reporting production outcomes and equipment faults.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a timber manufacturing or processing facility or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - materials to cut to shape according to Performance Evidence
 - band, jig or CNC saw
 - PPE
- specifications:

- access to work orders and workplace procedures for cutting materials according to the Performance Evidence
- access to workplace safety and environmental policies and procedures applicable to cutting materials using a saw
- access to saw manufacturer specifications and operator instructions
- relationships:
 - person to confirm work orders and report equipment faults and equipment maintenance.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>