



Australian Government

Assessment Requirements for FWPTMM2205 Cut material to length and angles

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:

- cut a minimum of 25 different lengths of timber material, which include:
 - different timber grades, species and sectional sizes
 - various lengths and sectional sizes of hardwood and softwood engineered wood products (EWP)
 - at least five varying angles
- cut a minimum of five different timber board products into lengths

In performing this work, there must be evidence that the individual has:

- used and maintained a semi-automated saw
- stacked cut timber products into specified stacks.

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:

- workplace policies and procedures relating to cutting activities
- workplace and environmental requirements for safe disposal of waste
- characteristics, properties and limitations and defects of timber products:
 - hardwood
 - softwood
 - EWP
- processes and techniques of:
 - cutting patterns and sequences for single and compound angles
 - assessing saw blade condition
 - using and maintaining machinery and equipment

- stacking finished materials
- recording and reporting cutting process incidents and equipment faults
- cleaning of plant, tools and equipment
- disposing of, recycling and reusing timber and other waste
- industry standard cross-sections and lengths
- functional and operational features of tools, equipment and machinery:
 - semi-automated saws
 - bench saws
 - radial arm saws
 - saws with adjustable angle
 - saws with automatic feed
 - saws with one blade
 - table saws
- workplace safety requirements relevant to cutting materials:
 - personal protective equipment (PPE)
 - electrical hazards – use of residual current devices (RCD)
 - hazardous manual tasks
 - equipment lock-out
 - exposure to dust
 - exposure to excessive noise.

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 workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - appropriate machinery and equipment to cut timber products to length and angles
 - materials to cut to length and angles
- specifications:
 - access to work orders, safe work practices and environmental requirements to cut materials to length
 - access to policies and procedures and manufacturer instructions applicable to cutting materials to length

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>