



Australian Government

**Assessment Requirements for
FWPCOT3268 Plane and sand engineered
wood products**

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 4.0.

Performance Evidence

An individual demonstrating competency in this unit must satisfy all of the elements and performance criteria of this unit. There must be evidence that, on at least one occasion, the individual has:

- followed workplace health and safety requirements and environmental procedures for planing and sanding engineered wood product
- planed and sanded engineered wood product in readiness for an application or interim storage
- redistributed material on site using designated equipment
- conducted operator maintenance on planing and sanding equipment.

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:

- health and safety hazards or risks related to operating equipment for planing and sanding engineered wood products, as identified through risk assessments, manufacturer technical information, regulations and industry health and safety guides
- workplace policies and procedures specific to planing and sanding engineered wood products:
 - health and safety, with particular emphasis on equipment lockout and the use of personal protective equipment (PPE)
 - use of timber planing and sanding equipment
 - communication reporting lines
 - recording and reporting production outcomes, equipment faults and maintenance requirements
- environmental protection practices for engineered wood product manufacturing facility settings:
 - reducing water and energy use
 - cleaning plant, tools and equipment

- disposing of, recycling and reusing timber and other waste
- planning and sanding techniques
- methods of visual inspection of engineered wood products for thickness, finish quality and faults
- characteristics of relevant engineered wood product
- typical flow of material supply in and out of the planing and sanding area
- typical workflow processes and sanding techniques for optimising thickness, finish and quality of engineered wood product
- typical engineered wood product defects and how they affect the ability to produce quality finished product:
 - warp
 - wane
 - cupping
 - shakes
 - insect defects
 - knots
 - resin pockets
 - lifting veneer
 - bonding problems
- key features of, and applicable terminology for, industry standard grades for re-classifying quality and use of planed and sanded engineered wood products
- purpose, features and operation of equipment used to plane and sand engineered wood products:
 - planers or thicknessers
 - surface planers or buzzers
 - drum sanders
 - sanders
 - veneer sanders
 - stroke sanders
 - machine specific dust extraction systems with collection bags
 - hopper-based extraction systems
- methods for assessing condition of planer blades and sanding belts.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - planing and sanding equipment

- dust extraction equipment
- maintenance tools and equipment for planers and sanders
- planer blades and sanding belts
- PPE suitable for planing and sanding engineered wood products
- engineered wood products suitable for planing and sanding operations
- specifications:
 - manufacturer instructions for use and maintenance of equipment
 - work order with specific instructions for planing and sanding engineered wood product
 - workplace procedures for planing and sanding engineered wood product, including health and safety and emergency procedures and environmental protection procedures
 - template documents for recording production outcomes, equipment faults and maintenance requirements.

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>