



Australian Government

Assessment Requirements for FWPFOM5006 Implement practices to maximise value from wood residues

Release: 1

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Modification History

Release	Comments
Release 1	This version released with Forest and Wood Products Training Package Version 7.0.

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 developed, documented and coordinated the execution and evaluation of one wood value maximisation plan for a forest or wood products operation.

In performing this activity, the individual has:

- established the extent of the wood value maximisation strategy, as well as the legal, occupational, environmental, and best practise standards
- detailed the methodology for the execution of wood value maximisation, including timetable, budget, legal requirements, technology, materials, and resources required, as well as the most relevant practices.
- communicated production schedule for maximising the value of the product according to the plan
- monitored and reported implementation of the plan against methodology and production schedule
- provided recommendations for future improvements based on information, data analysis and consultative processes.

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:

- commonwealth, state or territory legislation or regulations applicable to wood management practices
- current government and industry initiatives, codes of practice and guidelines relevant to wood management practices
- different applications for wood and residue material, markets and general market value:
 - poles
 - piles and bridge timbers

- veneer logs
- saw logs
- chip logs
- charcoal logs
- woody biomass
- structural and non-structural timbers
- timber composites
- timber panel products
- timber engineered products
- eucalyptus oil
- extractives
- potential uses for wood residues and by-products, markets and general market value
- production practices that avoid or reduce wood residues
- role of wood or waste products in generating renewable energy through biomass
- authorisations, permits and licences relating to:
 - sites or properties
 - hours of operation
 - use and application of chemicals
 - environmental issues
- processes and practices for:
 - internal and external consultation
 - developing and implementing value maximisation plans
 - collecting and analysing relevant data
 - evaluating and modifying plans
- format, content and use of value maximisation plans.

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 forest work environment or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - computing equipment to prepare wood value maximisation plans
- specifications:
 - comprehensive information about the operation of a real or simulated business to determine value maximisation practices
 - workplace policies and procedures regarding wood value maximisation
 - access to workplace safety and environmental policies and procedures applicable to forestry operations.

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>