



Australian Government

Assessment Requirements for FWPCOT4216 Plan for and coordinate construction of log landings and snig tracks

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FWP 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 planned and coordinated the construction of one log landing site and associated snig tracks within a forest or farm forest setting for storing logs prior to being dispatched.

In performing this activity, the individual has:

- assessed log harvesting and extraction methods, landing site location and operational and environmental protection requirements
- confirmed that construction specifications meet operational requirements, optimise construction time and track clearing, and have a minimal impact on the environment
- prepared operational procedures and coordinated people, resources and equipment for the construction
- monitored construction development and identified methods of improvement.

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:

- content and application of applicable commonwealth, state, territory or local government regulations for the design, construction and operation of landings and snig tracks
- key features of these varying environmental conditions, and effects on the planning and construction of landings and snig tracks:
 - fallen trees
 - general forest lean
 - ground growth
 - ground hazards and obstacles
 - ground slope
 - density of trees

- wet and adverse weather conditions
- environmental protection practices for forest and forest farm settings:
 - minimising temporary, short-term, long-term and permanent damage to natural vegetation and landscape
 - soil and water protection
 - returning the environment to its original or near to original condition on completion of operations
- purpose, features and operational requirements of these types of snig tracks:
 - emergency escape routes
 - equipment access tracks
 - hauling tracks
 - vehicular tracks
- purpose, features and operational requirements of:
 - landings
 - vehicles and equipment used on landings and snig tracks
- processes for:
 - designing and coordinating the development of landings and snig tracks
 - determining the most time-effective and cost-effective plan for construction
- typical industry chain of command for communication of information, instruction and technical advice
- workplace standards, policies and procedures for the design, construction and operation of landings and snig tracks:
 - workplace health and safety specific to the use of landings and snig tracks
 - environmental protection
 - documenting designs for landings and snig tracks
 - recording and reporting the design and implementation process.

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:
 - a native forest or plantation site in which landings and snig tracks are to be established
 - harvest plan for the site
 - topographic maps for the site
- specifications:
 - workplace safety and environmental policies and procedures applicable to the planning and construction of landings and snig tracks

- workplace policies and procedures for the planning and construction of landings and snig tracks.

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>