



Australian Government

Assessment Requirements for FWPCOT4215 Plan for and coordinate road construction and maintenance

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:

- prepared for, supervised and reported on one road construction activity based on an existing road construction and maintenance plan
- prepared for, supervised and reported on one road maintenance activity based on an existing road construction and maintenance plan.

For each of these activities, the individual has:

- confirmed road location and construction, transport and resources requirements
- coordinated people, resources and equipment
- planned operational procedures
- monitored and reported unexpected ground, water, vegetation or other environmental conditions
- maintained communication with operational staff, clients and contractors
- implemented workplace health and safety and environmental protection procedures.

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 for managing road construction and maintenance
- environmental risks and hazards associated with road construction
- protection zones for natural, drainage, cultural and social features
- types, safe use and maintenance of plant, equipment and tools used in road construction and maintenance
- characteristics and techniques for construction of all-weather logging roads and unsurfaced earth roads
- materials used for road construction and their properties, including:

- road base
- gravel
- crushed rock
- sand and bluestone
- cords and pipes for water crossings
- principles of road design and development, including:
 - control points
 - required grades
 - water crossing points and structures.

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 section of native forest or plantation for road construction and maintenance
 - plants, tools, materials and equipment for road construction and maintenance
 - work crew to supervise for road construction and maintenance
- specifications:
 - maps, plans, regulations and other documentation relevant to the construction and maintenance of roads in a forestry setting
 - workplace safety and environmental policies and procedures applicable to road construction and maintenance
 - workplace policies and procedures relevant to managing road construction and 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>