



Australian Government

FWPCOT4215 Plan for and coordinate road construction and maintenance

Release: 1

FWPCOT4215 Plan for and coordinate road construction and maintenance

Modification History

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

Application

This unit of competency describes the skills and knowledge required to plan for and coordinate road construction and maintenance activities, including heavy duty, all weather logging roads and unsurfaced earth roads, as part of forestry operations.

The unit applies to individuals with responsibility for planning and coordinating road construction and maintenance in forestry operations.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety regulations, legislation and standards that apply to the workplace.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Common Technical (COT)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for road construction and maintenance activities	1.1 Review work instructions and road construction/maintenance plan and seek clarification as required 1.2 Review workplace health and safety procedures

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.3 Identify, assess and take actions to mitigate risks and hazards associated with road construction/maintenance 1.4 Identify and implement workplace environmental protection procedures according to workplace procedures and road construction/maintenance plan 1.5 Identify emergency plan procedures to follow in the event of an emergency 1.6 Confirm road location, design and construction requirements 1.7 Identify transport requirements, taking into account seasonal factors 1.8 Confirm personnel, equipment and material requirements for road construction/maintenance activities
2. Implement road construction	2.1 Brief site personnel on road and track construction plan 2.2 Coordinate and schedule personnel, material and equipment required for road construction activities 2.3 Plan operational procedures for road construction with site personnel according to workplace procedures, environment protection requirements and road construction/maintenance plan 2.4 Monitor construction of roads and tracks and report unexpected ground, water, vegetation or other environmental conditions to appropriate personnel 2.5 Maintain communication with operational staff, clients and contractors throughout maintenance activities to ensure smooth operations 2.6 Provide technical assistance to site personnel in preparing roads and tracks
3. Maintain roads	3.1 Brief site personnel on road and track maintenance activities 3.2 Coordinate personnel, materials, plant and equipment required for maintenance activities, taking seasonal weather conditions into consideration 3.3 Organise maintenance activities according to workplace procedures, environment protection requirements and road construction/maintenance plan 3.4 Maintain communication with operational staff, clients and contractors throughout maintenance activities to ensure smooth

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	operations
4. Monitor and review road construction and maintenance	4.1 Monitor road construction and maintenance activities according to workplace policy and road construction/maintenance plan 4.2 Check that workplace health and safety procedures are observed and site environmental conditions are adhered to throughout works 4.3 Check that performance indicators, targets and specifications are being met and that process or methods are amended as required 4.4 Record and report on road construction and maintenance activities

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	Extract information from and annotate plans and drawings
Writing	Complete written reports on progress against road construction and maintenance plan
Oral communication	- Ask open and closed questions and use active listening techniques to clarify road construction and maintenance requirements - Respond to work-related questions from and give instructions to crew members
Numeracy	Interpret basic statistics and graphical information on production, safety and quality indicators

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPCOT4215 Plan	FWPFGM5208	Updated unit title	Not equivalent

for and coordinate road construction and maintenance	Manage road construction and maintenance	Updated Application, Performance Criteria, Performance Evidence and Knowledge Evidence Updated Assessment Conditions	
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Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>