



Australian Government

Assessment Requirements for FWPFGM3209 Construct and maintain forest roads and tracks

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPIFGM3209B Construct and maintain forest roads and tracks, which was first released with FPI11 Forest and Forest Products Training Package Version 1. This is the first release of this unit in the new standards format. Assessment requirements now specify the performance and knowledge evidence, as well as assessment conditions for this unit of competency. These sections simplify and replace components used in the previous unit format, including Required Skills and Knowledge, Evidence Guide and Range Statement

Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit. If a specific volume or frequency is not stated below, then evidence must be provided that the following requirements have been performed on at least one occasion:

- plan, construct and maintain a forest road or track in line with organisational tolerances
- operate one or more of the following road construction equipment effectively and safely
 - dozer
 - front end loader
 - skidder using bucket or blade attachments or grader using blade attachments
- identify and remove obstacles to construction
- establish water crossings and drains, using pipes, cords or culverts
- assess road or track for damage and report hazards or areas requiring redesign
- plan and carry out maintenance of forest roads and tracks
- report on road and track construction and maintenance.

Knowledge Evidence

A person competent in this unit must be able to demonstrate knowledge of:

- applicable regulations, standards, codes of practice and established safe practices for constructing and maintaining forest roads and tracks, including:

- data relating to road requirements and restrictions
- maximum road loads
- likely weather conditions
- expected timeframes
- survey locations and requirements
- water courses
- location of log landings
- road entry points
- crossing or entry points for other roads and tracks
- budget.
- environmental protection requirements and management considerations including:
 - roadside conditions and climate
 - habitat trees
 - ground growth
 - canopy
 - general forest lean
 - wind speed and direction
 - fallen trees
 - density of trees
 - ground slope
 - soil and water protection
 - ground hazards
 - obstacles
- operational procedures, checks and routine maintenance to be carried out on construction equipment
- road construction methods
- risks and hazards associated with forest road and track construction
- logging and harvesting operations
- road transport equipment requirements and capabilities in forest operations
- ground water behaviour
- workplace health and safety requirements, fire protocols and emergency evacuation procedures.

Assessment Conditions

The following resources must be made available:

- wheeled or tracked road construction equipment, including one or more of the following: dozer, front end loader, skidder or grader with bucket or blade attachments
- forest environment suitable to construct and maintain a track or road
- relevant personnel for the purposes of communicating information
- workplace requirements and site standards for constructing forest roads and tracks.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessor requirements

Assessors must:

- hold the appropriate assessor competency standards as outlined in regulations; and
- be able to demonstrate vocational competencies at least to the level being assessed; and
- be able to demonstrate how they are continuing to develop their VET knowledge and skills as well as maintaining their industry currency and assessor competence.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>