



Australian Government

Assessment Requirements for FWPFGM3215 Perform complex 4x4 operations

Release: 1

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Modification History

Release	Comment
1	<p>Replaces equivalent FPIFGM3215 Perform complex 4x4 operations, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2. This is the first release of this unit in the new standards format.</p> <p>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'.</p>

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:
- follow applicable legal and regulatory requirements, and codes of practice relevant to performing complex 4x4 operations
- follow organisational policies and procedures relevant to performing complex 4x4 operations
- assess the safety and potential hazards of planned water and rugged terrain crossings including consideration of:
 - assessment of water speed and depth
 - underwater hazards
 - debris in water
 - rocks and other unexpected obstacles
 - variable water depth and width of crossing
 - risk of vehicle being swept down the waterway
 - tidal influences
 - wet and iced terrain
 - flooded terrain
 - fire in vehicle
 - faulty brakes

- leaking fuel
- faulty steering mechanism on vehicle
- animals and objects in vehicle path
- crocodiles and snakes in some areas
- windy or foggy sections of terrain
- steep slopes
- slippery surfaces
- land slides
- tree limbs
- black ice
- trailers
- safely perform 4x4 operations over rugged terrain and water crossings in line with the conditions and 4x4 operating requirements
- select correct gear/range to negotiate terrain
- engage and disengage freewheel hubs in line with driving conditions
- identify safe locations for entry into and out of a waterway
- identify and prepare supplies and resources appropriate to the journey
- use correct techniques to safely stop and start on steep terrain
- use and maintain relevant tools, machinery and equipment.

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 relevant to the full range of processes when performing complex 4x4 operations
- environmental risks and hazards, organisational and site standards, requirements, policies and procedures for performing complex 4x4 operations
- road rules, regulations, permit and licence requirements of the relevant state or territory
- operational knowledge of 4x4 vehicle, including controls, instruments and indicators, and their use
- environmental protection requirements relating to 4x4 operations in rugged terrain
- organisational and site standards, requirements, policies and procedures for performing complex 4x4 operations
- road rules, regulations, permit and licence requirements of the relevant state or territory
- operational knowledge of 4x4 vehicle, including controls, instruments and indicators and their use
- four-wheel drive techniques, including to safely cross water and operate 4x4 vehicle in rugged terrain
- vehicle maintenance requirements following water crossings
- established communication channels and protocols
- vehicle problem identification and common vehicle fault-finding techniques

- common vehicle operating problems and appropriate operator response in line with organisational and manufacturer requirements
- types of tools and equipment, and procedures for their safe use and maintenance.

Assessment Conditions

The following resources must be made available:

- manual or automatic or all wheel drive (AWD) four-wheel drive
- access to a water crossing and rugged terrain with safe entry into and out of a waterway, shallow run-ins and a firm base
- locations that minimise the impact on the environment
- personal protective equipment required for performing complex 4x4 operations.

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.
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Links

Companion Volume implementation guides are found in VETNet -

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