



Australian Government

Assessment Requirements for FWPFGM3214 Operate a four wheel drive in a towing situation

Release: 1

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Modification History

Release	Comment
	Replaces equivalent unit FWPFGM3214 Operate a four wheel drive in a towing situation, 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. 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:

- follow applicable legal and regulatory requirements, and codes of practice relevant to operating a 4x4 vehicle towing a trailer or moving an object
- couple and uncouple a trailer
- safely couple and uncouple vehicles, equipment and objects using recovery equipment
- operate a 4x4 in a towing situation
- follow organisational policies and procedures relevant to operating a 4x4 in a towing situation
- assess the safety of towing a trailer or object and consider risk management strategies including:
 - appropriate vehicle and trailer clearance
 - appropriate approach and departure angles
 - correct load management
 - controlled braking methods using electric brakes, no brakes, override brakes
 - adequate movement of the tow system
 - making adjustment for extra length and width of trailers, and their tendency to 'cut in' on corners and curves
 - making appropriate adjustment in braking distance to compensate for the combined extra weight of vehicle and trailer
 - driving vehicle to minimise trailer sway

- engaging a lower gear when travelling downhill with a trailer to give greater vehicle control and reduce load on brakes
- ensuring mirrors on both sides of towing vehicle are properly adjusted to give a clear view of vehicles approaching from the rear.
- use and maintain relevant tools, machinery and equipment
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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 processes when towing a trailer or object
- environmental risks and hazards, organisational and site standards, requirements, policies and procedures for towing a trailer or object including:
 - damage to vehicle
 - wet and iced terrain
 - flooded terrain
 - fire in vehicle
 - fire at the scene
 - 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
 - land slides
 - tree limbs
 - black ice
 - trailers
 - logs, rocks and other unexpected obstacles
 - weather conditions
 - slippery surfaces
 - unsafe or damaged equipment
 - spilt or leaking fuel or dangerous or hazardous goods or substances
 - unsafe manual-lifting procedures
- recovery devices suitable for towing including:
 - winches
 - ropes
 - cables
 - slings and straps

- pullers
- 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
- 4x4 driving and towing techniques
- vehicle maintenance requirements
- established communication channels and protocols
- relevant personnel for the purposes of communicating information
- vehicle problem identification and resolution strategies, and common vehicle fault-finding techniques
- characteristics, applications, capabilities and limitations of a 4x4 vehicle while towing a trailer or object
- tools and equipment used when setting up and securing an object for towing
- typical problems that may occur when setting up and securing an object for towing, and how to resolve them
- procedures for recording and reporting workplace information.
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Assessment Conditions

The following resources must be made available:

- manual or automatic or all wheel drive (AWD) four-wheel drive vehicle
- trailer to tow
- object to move
- personal protective equipment required to operate a four wheel drive vehicle in a towing situation
- relevant personnel for the purposes of communicating information

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>

