

**Modification history**

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

FWPCOT3XXX	Operate a four wheel drive vehicle in a towing situation
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to tow a trailer using a four wheel drive vehicle.</p> <p>The unit applies to individuals who operate four wheel drive vehicles in towing situations in a variety of work settings and industry sectors as part of forestry operations.</p> <p>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.</p> <p>Individuals must hold a recognised or provisional driver's licence prior to commencing this unit of competency.</p>
<b>Prerequisite Unit</b>	
<b>Unit Sector</b>	Common Technical (COT)

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 towing	1.1 Confirm four wheel drive vehicle is operational, appropriate for the conditions and has the required towing capacity 1.2 Check trailer compliance with safety regulatory requirements 1.3 Check condition of trailer, suitability of trailer and coupling for use on rough terrain and braking system of trailer if required 1.4 Check compatibility of trailer and four wheel drive vehicle for towing operations, including ground clearance and GCM (Gross Combined Mass) of trailer and vehicle 1.5 Inspect and secure load 1.6 Identify and follow safety, environmental and legal requirements relevant to towing a trailer with a four wheel drive vehicle 1.7 Identify, select and check serviceability and rating of equipment required to carry out towing operations 1.8 Identify, assess and take actions to mitigate risks and hazards associated with towing operations
2. Use four wheel drive vehicle to tow a trailer	2.1 Couple and uncouple trailer in accordance with safety requirements 2.2 Secure load onto trailer in accordance with safety and regulatory requirements 2.3 Apply safe four wheel driving skills while towing a trailer on sealed and unsealed road conditions 2.4 Demonstrate safe braking procedures while towing a trailer in on sealed and unsealed road conditions including performing emergency stop 2.5 Park four wheel drive vehicle and trailer
3. Perform post-towing tasks	3.1 Carry out inspection of vehicle and equipment following the towing operation 3.2 Record and report activity and damage to vehicle or equipment as required

<b>Foundation Skills</b>	
<i>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.</i>	
<b>Skill</b>	<b>Description</b>
Reading	<ul style="list-style-type: none"> <li>Read and comprehend basic factual information on road signs and in manufacturer manual</li> </ul>
Writing	<ul style="list-style-type: none"> <li>Complete workplace forms using required format and industry terminology</li> </ul>
Oral communication	<ul style="list-style-type: none"> <li>Use effective verbal communication and questioning techniques to convey information to other people involved in or observing towing operation</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>Measure, estimate and calculate weight and dimensions of trailer and load to be towed</li> </ul>

<b>Unit Mapping Information</b>			
<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
FWPCOT3XXX Operate a four wheel drive vehicle in a towing situation	FWPFGM3214 Operate a four wheel drive vehicle in a towing situation	Reworded Application Statement  Updated Elements and Performance Criteria  Updated and added new Knowledge and Performance Evidence  Reworded Foundation Skills  Updated Assessment Conditions	Not equivalent

<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47">https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47</a>
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<b>TITLE</b>	<b>Assessment requirements for FWPCOT3XXX Operate a four wheel drive vehicle in a towing situation</b>
<b>Performance Evidence</b>	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that, on one occasion, the individual has:</p> <ul style="list-style-type: none"> <li>• performed the following tasks while operating a four wheel drive vehicle to tow a trailer on an unsealed road according to regulatory requirements: <ul style="list-style-type: none"> <li>• driving forwards</li> <li>• reversing in a straight line</li> <li>• reversing around a corner</li> <li>• reversing into a parking bay</li> </ul> </li> <li>• conducted an emergency stop on an unsealed road while operating a four wheel drive vehicle with a trailer attached.</li> </ul>	
<b>Knowledge Evidence</b>	
<p>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:</p> <ul style="list-style-type: none"> <li>• regulations, standards, codes of practice and established safe practices relevant to processes when towing a trailer with a four wheel drive vehicle</li> <li>• risks and hazards associated with towing a trailer or other type of object with a four wheel drive vehicle related to: <ul style="list-style-type: none"> <li>• load</li> <li>• vehicle capacity, condition and faults</li> <li>• trailer capacity, condition and faults</li> <li>• weather and environmental conditions</li> <li>• natural hazards</li> <li>• road or surface conditions and obstructions</li> <li>• working in proximity to a trailer</li> <li>• crush injuries</li> </ul> </li> <li>• risk management strategies: <ul style="list-style-type: none"> <li>• appropriate vehicle and trailer clearance</li> <li>• correct load management</li> <li>• controlled braking methods using electric brakes, no brakes, override brakes</li> <li>• adequate movement of the tow system</li> <li>• making adjustment for extra length and width of trailers, and their tendency to 'cut in' on corners and curves</li> <li>• engaging a lower gear when travelling downhill with a trailer to give greater vehicle control and reduce load on brakes</li> <li>• ensuring mirrors on both sides of towing vehicle are properly adjusted to give a clear view of vehicles approaching from the rear</li> <li>• using and maintaining relevant tools, machinery and equipment</li> <li>• safe work practices</li> </ul> </li> <li>• equipment suitable for towing</li> <li>• four wheel driving and towing techniques: <ul style="list-style-type: none"> <li>• dealing with and avoiding trailer sway</li> <li>• changing trailer wheel</li> <li>• parking vehicle with trailer attached</li> </ul> </li> <li>• tools and equipment used when setting up and securing a trailer.</li> </ul>	
<b>Assessment Conditions</b>	
<p>Assessment of the skills in this unit of competency must take place under the following conditions:</p> <ul style="list-style-type: none"> <li>• physical conditions: <ul style="list-style-type: none"> <li>• skills must be demonstrated in a work environment or an environment that accurately represents workplace conditions</li> </ul> </li> </ul>	

<b>Assessment Conditions</b>	
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| <ul style="list-style-type: none"><li>• resources, equipment and materials:<ul style="list-style-type: none"><li>• site with varying terrain</li><li>• manual or automatic four-wheel drive vehicle</li><li>• trailer to tow which includes a suitable load</li><li>• personal protective equipment required for operating a four wheel drive on unsealed roads</li><li>• relevant personnel for the purposes of communicating information</li></ul></li><li>• specifications:<ul style="list-style-type: none"><li>• workplace safety and environmental policies and procedures applicable to the use of four wheel drive vehicles in towing situations.</li></ul></li></ul> |  |
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Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

<b>Links</b>
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