

**Modification history**

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

<b>FWPCOT3XXX</b>	<b>Operate a four wheel drive vehicle in a towing situation</b>
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to tow a trailer or other type of object 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 or other type of object 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 Safely 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 in on and off road conditions 2.4 Demonstrate safe braking procedures while towing a trailer in on and off road conditions 2.5 Park four wheel drive vehicle and trailer
3. Use four wheel drive vehicle to tow an object other than a trailer	3.1 Assess visually the load and determine suitability of the vehicle and equipment for towing 3.2 Secure vehicle or object to be towed using appropriate equipment 3.3 Apply safe four wheel driving skills to tow attached object

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
4. Perform post-towing tasks	4.1 Carry out inspection of vehicle and equipment following the towing operation 4.2 Record and report activity and damage to vehicle or equipment as required

Foundation Skills	
<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>	
Skill	Description
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, industry terminology and structure</li> </ul>
Oral communication	<ul style="list-style-type: none"> <li>Use effective verbal communication techniques and questioning 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 of objects to be towed and or moved</li> </ul>

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
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

Links	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>
-------	--

<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>operated a four wheel drive vehicle to tow a trailer on a sealed or unsealed road according to regulatory requirements by: <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>operated a four wheel drive vehicle to tow a trailer according to regulatory requirements and conducted an emergency stop on an unsealed road</li> <li>operated a four wheel drive vehicle to tow an object other than a trailer.</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 or other type of object</li> <li>risks and hazards associated with towing a trailer or other type of object with four wheel drive vehicle including those 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> <li>risk management strategies:</li> <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>techniques for dealing with and avoiding trailer sway</li> <li>techniques for changing trailer wheel</li> <li>safety requirements for towing an object that is not a trailer to avoid damage to towing equipment</li> </ul> </li> <li>tools and equipment used when setting up and securing a trailer or other type of object for towing.</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:</li> </ul>	

Assessment 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><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>• other type of object to tow</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> <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
Links	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>