

**Modification history**

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 6.0.

FWPHAR2XXX	Hook up felled trees (choker)
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to fasten choker cables around logs for yarding from the cutting area to the landing, and to assist with line shifts. Work is completed in a forest or plantation operation.</p> <p>The unit applies to individuals who work as choker setters in a timber harvesting environment.</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>No licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
<b>Prerequisite Unit</b>	Nil
<b>Unit Sector</b>	Harvesting and Haulage

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 choker setter operations	1.1 Review work order or instruction to determine job requirements and, where required, seek clarification from appropriate personnel 1.2 Review workplace health and safety procedures, including the use of personal protective equipment and safe manual handling techniques 1.3 Identify, assess and take actions to mitigate risks and hazards associated with hooking up felled trees in a cable logging operation 1.4 Identify workplace environmental protection procedures for minimising and disposing of waste material, recycling and reusing materials and cleaning tools and equipment 1.5 Consult with team members and other appropriate personnel to ensure that work is coordinated effectively with others in the workplace 1.6 Obtain tools and equipment needed for the work and check for correct operation and safety 1.7 Identify type and quantity of logs to be extracted 1.8 Plan choker setter and cable operations activities according to work order or instructions

<b>Elements</b>	<b>Performance Criteria</b>
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
2. Hook up logs	2.1 Identify audible or visual signal system to be used 2.2 Select specific logs for next return prior to return of rigging according to planned operations 2.3 Assess position of logs to be extracted according to haul line, hook up point and likely movement 2.4 Monitor stability of logs to be extracted and take precautions against movement according to logging code of practice 2.5 Direct and control positioning of rigging using signals to facilitate planned hook ups 2.6 Pull out slack for chokers to allow safe hook up 2.7 Set chokers close to end of logs 2.8 Move to a safe area prior to signalling extraction 2.9 Record and report hook up safety and equipment faults to rigging slinger
3. Assist with line shifts	3.1 Clear all logs to be hauled with existing line position before line shift is initiated 3.2 Notch stumps according to code requirements and rigging method to be used 3.3 Pull slack on all lines prior to release of existing rigging 3.4 Dismantle rigging components on existing line, check and set up on new line as required 3.5 Assist climber to rig spars, tail trees and intermediate supports 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>
Learning	<ul style="list-style-type: none"> <li>Access and apply current information in logging code of practice on work practices</li> </ul>
Reading	<ul style="list-style-type: none"> <li>Read routine workplace health and safety instructions and signage</li> </ul>
Writing	<ul style="list-style-type: none"> <li>Writing skills to complete routine workplace forms</li> </ul>
Oral communication	<ul style="list-style-type: none"> <li>Ask questions to clarify contents of work order or instruction</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>Estimate the lift capacity of rigging</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>
FWPHAR2XXX Hook up felled trees (choker)	FWPHAR2203 Hook up felled trees using cables (choker)		

<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 FWPHAR2XXX Hook up felled trees (choker)</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 the individual has:</p> <ul style="list-style-type: none"> <li>• safely and efficiently hooked up four turns of felled logs according to work orders for recovery operations and</li> <li>• assisted in shifting lines according to rigging slinger instructions on one occasion.</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>• content and application of applicable state or territory code of practice relevant to log recovery activities</li> <li>• environmental protection practices for forest and plantation operations: <ul style="list-style-type: none"> <li>• safe disposal of waste material</li> <li>• cleaning of tools and equipment</li> </ul> </li> <li>• key features of varying site conditions and effects on log recovery, including: <ul style="list-style-type: none"> <li>• fallen trees</li> <li>• ground growth</li> <li>• ground hazards and obstacles</li> <li>• ground slope</li> </ul> </li> <li>• characteristics of trees and logs that can impact on hooking up felled logs with cables</li> <li>• techniques used by choker setters in the log recovery process, including: <ul style="list-style-type: none"> <li>• log hook-up methods</li> <li>• rigging techniques</li> </ul> </li> <li>• types and key features of signal systems used for log recovery activities: <ul style="list-style-type: none"> <li>• tooter signals</li> <li>• two-way radio</li> <li>• visual signals</li> </ul> </li> <li>• typical industry chain of command for communication of log extraction signals</li> <li>• purpose, features, rigging components and operation of cable logging system</li> <li>• workplace procedures specific to log recovery activities: <ul style="list-style-type: none"> <li>• workplace health and safety</li> <li>• communication reporting lines</li> <li>• recording and reporting hook-up safety and equipment faults.</li> </ul> </li> </ul>	

<b>Assessment Conditions</b>	
<p>Assessment of skills 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 workplace location or an environment that accurately represents workplace conditions</li> </ul> </li> <li>• resources, equipment and materials: <ul style="list-style-type: none"> <li>• active cable logging system</li> <li>• yarder and anchors</li> <li>• rigging equipment for log recovery</li> <li>• signal system equipment</li> <li>• personal protective equipment required in cable logging operations</li> </ul> </li> <li>• specifications <ul style="list-style-type: none"> <li>• access to work order or instruction detailing log recovery activities to be carried out by operator</li> <li>• access to workplace policies and procedures which cover current Work Health and Safety Acts or Occupation Health and Safety Acts, regulations and related industry standards and codes of practice applicable to log recovery and cable logging activities</li> </ul> </li> </ul>	

<b>Assessment Conditions</b>
<ul style="list-style-type: none"><li>• access to workplace policies and procedures which cover off on current Environment Protection Acts, regulations and related industry standards and codes of practice applicable to log recovery and cable logging activities</li><li>• access to workplace safety and environmental protection plans</li><li>• access to site emergency procedure</li><li>• access to workplace standard operating procedures or operator manual for cable logging equipment.</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>

<b>Links</b>	Companion Volume implementation guides are found in 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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