



Australian Government

FWPHAR3202 Monitor log recovery (rigging slinger)

Release: 1

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Modification History

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

Application

This unit of competency describes the skills and knowledge required to plan for and navigate the extraction or breakout of logs to the landing in a forest or plantation operation. The unit includes directing choker setters, transmitting signals to the yarder operator and assisting with line shifts for cable logging operations.

The unit applies to individuals who work as a rigging slinger operator in cable logging operations in a forest or plantation harvesting environment.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety regulations, legislation, standards and codes of practice that apply to the workplace.

No licensing, legislative or certification requirements apply to this unit at the time of publication

Pre-requisite Unit

Nil

Unit Sector

Harvesting and Haulage (HAR)

Elements and Performance Criteria

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 rigging slinger operations	1.1 Determine job requirements and type and quality of logs to be extracted from work order or instruction and, where required, seek clarification from appropriate personnel 1.2 Confirm safety and environmental protection requirements for the

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	task according to workplace procedures 1.3 Identify, assess and take actions to mitigate risks and hazards associated with rigging slinger activities in a cable logging operation 1.4 Plan rigger slinger activities according to work order or instructions 1.5 Consult with team members and other appropriate personnel to ensure that work is coordinated effectively with others in the workplace 1.6 Select, fit and use personal protective equipment 1.7 Obtain tools and equipment needed for the work, and check for correct operation and safety
2. Plan breakout	2.1 Plan and complete breakout operations according to environmental conditions, health and safety procedures and site procedures 2.2 Identify audible or visual signal system to be used 2.3 Identify obstacles to extraction operations, and develop avoidance plan 2.4 Identify logs to be recovered with current and future haul lines 2.5 Assess information to plan extraction pattern for typical number and size of logs to be hauled 2.6 Plan line shifts during hauling 2.7 Identify and prepare future rigging points and rigging requirements
3. Direct hook-up of logs	3.1 Select specific logs for next turn prior to return of rigging according to planned operation 3.2 Assess stability of logs to be extracted, and take precautions against movement according to code of practice 3.3 Direct choker setters to prepare and hook up logs ready for extraction 3.4 Give haul signals, according to code of practice, when all persons are clear from logs, out of bight of ropes and are in a safe area 3.5 Monitor log movement and stop for corrective action when difficulties occur 3.6 Maintain control of movement using signalling systems until payload is in clear sight of yarder operator 3.7 Report breakout process and equipment faults in line with site

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<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	procedures
4. Assist with line shifts	4.1 Clear all logs to be hauled with existing line position before line shift is initiated 4.2 Notch stumps according to code requirements for the rigging method to be used, as required 4.3 Pull slack on all lines prior to release of existing rigging, as required 4.4 Dismantle rigging components from the existing line, check and set up on new line, as required 4.5 Move obstructions that may cause binding or damage during hauling 4.6 Rig spars, tail trees and intermediate supports according to workplace procedures, as required

Foundation Skills

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.

Skill	Description
Reading	Interpret workplace documentation and signage to determine job requirements
Writing	Use technical and w specific vocabulary to accurately and legibly complete workplace records and forms
Oral communication	Ask questions to clarify contents of work order or instruction
Numeracy	Use calculation methods to estimate payload and distances

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status

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FWPHAR3202 Monitor log recovery (rigging slinger)	FWPHAR3201 Monitor log recovery (rigging slinger)	Minor updates to Application, Performance Criteria and Knowledge Evidence Updated Foundation Skills, Performance Evidence and Assessment Conditions	Equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>

Assessment Requirements for FWPHAR3202 Monitor log recovery (rigging slinger)

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Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that, on at least one occasion, the individual has:

- planned and performed rigging slinger operations on four turns following workplace policies and procedures and related industry codes of practice for log recovery operations
- assisted in shifting lines according to hook tender instructions.

Knowledge Evidence

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:

- content and application of applicable state or territory code of practice relevant to log recovery activities
- key features of varying site conditions, hazards and their effects on log recovery
- environmental protection practices for forest and plantation operations:
 - safe disposal of waste material
 - cleaning of plant, tools and equipment
- characteristics of trees that affect rigging slinger operations in a harvesting environment
- industry standard lengths for logs
- techniques used by rigging slingers in the log recovery process
- key features of varying signal systems used for log recovery activities:
 - tooter signals
 - two-way radio
 - visual signals
- purpose, features and operation of cable logging system components, including:
 - rigging components
 - cable systems
- workplace procedures specific to log recovery activities:

- workplace health and safety, with particular emphasis on use of personal protective equipment (PPE), safe manual handling and fire prevention measures
- communication reporting lines
- reporting breakout safety and equipment faults.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated on a working cable logging operation
- resources, equipment and materials:
 - active cable logging system
 - PPE required in cable logging operations
- specifications:
 - access to workplace safety and environmental protection policies and procedures applicable to log recovery and cable logging activities
 - access to site emergency procedure
 - access to workplace standard operating procedures or operator manual for cable logging equipment.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

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