



Australian Government

**Assessment Requirements for
FWPHAR4210 Plan for and coordinate log
recovery (hook tender)**

Release: 1

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Modification History

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

Performance Evidence

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

There must be evidence that the individual has coordinated the operational planning and setting up of one cable log recovery system.

In undertaking this activity, the individual has:

- planned and coordinated the establishment of one of the following cable recovery systems:
 - high lead (no skyline)
 - standing skyline
 - running skyline
- complied with safety and environmental requirements, including use of personal protective equipment (PPE)
- confirmed chain of command for communication of information and instructions and consulted with appropriate personnel to ensure that work is coordinated effectively with others in the workplace
- coordinated rigging of towers, trees and yarders according to workplace policies and procedures and related industry codes of practice for log recovery operations
- coordinated line shifts and rigging modifications according to workplace policies and procedures and related industry codes of practice for log recovery operations
- monitored operations and as required changed and communicated procedures to improve safety and payload efficiency
- recorded and reported production processes and equipment faults according to workplace procedures.

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 industry code of practice for log recovery activities
- key features of these varying environmental conditions and effects on the layout, setup and operation of cable systems for log recovery:
 - fallen trees
 - general forest lean
 - ground growth
 - ground hazards and obstacles
 - ground slope
 - density of trees
 - wet and adverse weather conditions
 - wind speed and direction
- environmental protection practices for cable logging operations:
 - safe disposal of waste material
 - cleaning of plant, tools and equipment
 - soil and water protection
- industry standard lengths for logs
- operational planning processes for:
 - designing and coordinating the establishment of cable recovery systems
 - determining the most time and cost effective cable system for log recovery
- techniques used in cable log recovery:
 - log extraction methods
 - rigging techniques
- typical industry chain of command for communication of information and instruction
- cable logging systems and rigging components
- system design additions:
 - blind leads
 - bridling
 - multispans
- yarders and anchors:
 - anchors
 - block stumps
 - mobile backstops
 - tailholds
- lines:
 - extensions
 - guylines
 - haulback lines
 - mainlines
 - skylines
 - strawlines

- towers and support trees
- workplace procedures specific to cable log recovery coordination:
 - workplace health and safety, with particular emphasis on use of equipment
 - communication reporting lines during setup and operation of cable systems for log recovery
 - recording and reporting production process 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 in an active cable logging operation or an environment that accurately reflects workplace conditions
- resources, equipment and materials:
 - coupe with logs for recovery
 - cable system and associated rigging equipment for log recovery yarder and anchors
 - PPE suitable for log recovery coordination
- relationships:
 - a team of rigging slingers, yarders, choker setters and chasers with whom the individual can interact
- specifications:
 - workplace safety and environmental policies and procedures applicable to cable logging operations
 - workplace procedures for cable logging operations.

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

Links

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