



Australian Government

Assessment Requirements for FWPHAR3212 Operate yarder

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.

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:

- operated a yarder and cable system safely and effectively by performing at least four turns to lift and carry stems and/or logs on slopes from the stump to the roadside or landing area according to a production plan
- carried out routine maintenance on a yarder.

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:

- information and requirements contained in a production plan and site safety and environmental management plans
- hazardous or safe working zones in cable harvesting operations
- health and workplace hazards or risks related to yarder operations, and factors that can change or introduce new hazards
- industry-accepted work health and safety risk control measures, legal obligations and requirements of industry standards and/or codes of practice for yarder operations as outlined in workplace procedures and production plan
- warning signs, their correct positioning, vehicle-to-vehicle communication systems and procedures to maintain communication and workplace safety during yarder operations
- required emergency response procedure, including firefighting resources and emergency response
- potential impacts of yarder operations on onsite and offsite environmental values, including cultural heritage, flora, fauna, ground compaction, water contamination and soil erosion
- environmental control measures, restrictions, legal obligations and requirements of industry standards and codes of practice for yarder operations as outlined in workplace procedures and production plan

- landings usage
- wood flow requirements and extraction and production bottlenecks particular to a production system
- effects of weather on ground conditions
- effects of slope and terrain conditions on yarder stability and operation
- machine specifications, restrictions and safe operating procedures, including stability and operation in different terrain conditions and slopes, and methods to shut down, de-energise and isolate the machine as outlined in workplace procedures or operator manual
- cable systems used in yarder operations
- machine cabin controls and operating procedures
- machine operating techniques to pull stems and/or logs and avoid mechanical damage to products during operations
- techniques to minimise damage to products, machine, cables and environment
- methods to conduct machine and cable system pre-operational checks and detect faults as outlined in workplace procedures or operator manual
- location of machine's major mechanical systems and parts of the machine in which energy is stored as outlined in operator manuals for safe and efficient conduct of the machine operator maintenance tasks
- machine and cable systems maintenance and servicing requirements as outlined in user or operator manuals
- reporting requirements regarding site, incident and hazard, personal reporting, production and machine maintenance.

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
 - personal protective equipment required in harvesting operations
- specifications:
 - access to workplace safety and environmental protection policies and procedures applicable to forest harvesting operations
 - access to production plan
 - 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.

Links

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