



Australian Government

Assessment Requirements for FWPHAR3234 Conduct mechanical processor operations

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 planned, prepared and safely and effectively operated a wheeled or tracked mechanical processor to process one batch of trees and to segregate and stack logs in a commercial forest harvesting environment.

In undertaking this activity, the individual has:

- determined job requirements from work order or instruction
- complied with workplace health and safety requirements, including use of personal protective equipment (PPE) and machine guards, for the task
- operated mechanical processor safely and effectively within equipment capabilities and limitations
- adjusted operating techniques in response to site conditions
- maintained log stacks, with consideration given to providing for anticipated stock levels, stock rotation requirements, size, segregation of lengths, species, grades
- visually assessed delivered logs for characteristics including species type, diameter, length and grade, and directed to additional locations for further processing and stacking
- monitored trees for unexpected characteristics that may cause danger and referred to appropriate personnel
- established communication with other personnel and monitored their movements to maintain safety on site
- conducted pre-operational and post-operational checks, routine cleaning and operational servicing of equipment.

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 work order, production plan and site safety and environmental management plans

- health and operational hazards or risks related to mechanical processor operations, and factors that can change or introduce new hazards
- industry-accepted work health and safety risk control measures, legal obligations of the current Work Health and Safety Acts or Occupational Health and Safety Acts and regulations, and requirements of industry standards and/or codes of practice for mechanical processor operations as outlined in workplace procedures and production plan
- the types and correct positioning of industry-accepted warning signs, vehicle-to-vehicle communication systems and procedures to maintain communication and work safety during mechanical processor operations
- required emergency response procedures, including firefighting resources and emergency response
- potential impacts of mechanical processor operations on on-site and off-site environmental values, including cultural heritage, flora, fauna, ground compaction, water contamination and soil erosion
- industry-accepted environmental control measures, environmental restrictions, legal obligations of the current Environment Protection Acts and regulations and requirements of industry standards and/or codes of practice for mechanical processor operations as outlined in workplace procedures and production plan
- tree shapes, species, quality characteristics and log defects particular to the site and production system
- effects of weather on ground conditions
- effects of slope and terrain conditions on machine stability and operation
- operational procedures and checks, including start-up and shutdown procedures
- operating and maintaining machine, attachments and ancillary equipment in line with manufacturer instructions
- industry-accepted reporting requirements regarding site, incidents and hazards, personal reporting, check-in, production, machine maintenance and block completion.

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 a forest or wood products work environment or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - log landing site
 - wheeled or tracked mechanical processor
 - log sheets for recording measurement and operation
 - PPE suited for operation of a mechanical processor
- relationships:
 - on site personnel for individual to interact with and monitor their movements
- specifications:

- workplace health, safety and environmental policies and procedures applicable to mechanical processor operations
- workplace policies and procedures for operating a mechanical processor
- workplace emergency procedure.

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>