



Australian Government

Assessment Requirements for FWPHAR3204 Operate split flail and wood chipper fed by mobile machine

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:

- planned, prepared and operated a split flail and wood chipper fed by mobile machine in an infield wood chipping operation according to a work order or instructions
- carried out routine machine inspection/maintenance on start-up and shutdown of operations.

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
- health of safety requirements related to operating a split flail and wood chipper fed by a mobile machine in infield wood chipping operations:
 - hazardous or safe working zones
 - workplace hazards and risks associated with the operation
 - factors that can change or introduce new hazards
 - risk control measures
 - legal obligations and industry standards and/or codes of practice related to the operation
 - warning signs and their correct positioning
 - vehicle-to-vehicle communication systems and procedures to maintain communication and workplace safety during operations
 - emergency response procedure and firefighting resources
- environmental care related to infield wood chipping operations:

- potential impacts of operation on onsite and offsite environmental values (cultural heritage, flora, fauna, ground compaction, water contamination and soil erosion)
- control measures, restrictions, legal obligations and industry standards and codes of practice requirements related to the operation
- procedures for safe operation of split flail and wood chipper:
 - pre-operational checks and detect faults
 - machine stability in different terrain conditions and slopes
 - shut down
- factors and their effects on the stability and operation of split flail and wood chipper:
 - slope and terrain conditions
 - machine specifications and restrictions
- reporting requirements regarding site, incident and hazard, personal reporting, check-in, production, and machine maintenance
- woodchip specifications
- features of split flail and wood chipper:
 - static/mobile
 - chains, knives and anvils
 - machine components
 - machine capacity
 - machine preparation and positioning
- procedures for loading chips into truck for transport
- mass and load covering requirements of transport vehicles
- techniques for determining and optimising feed rate
- influences on feed rate for flail/chipper:
 - machine capacity
 - type and condition of timber
 - product type and quality requirements
 - loading capacity of transport vehicles
- machine maintenance, servicing requirements and procedures for removing, replacing and disposing of chains and cutters.

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 infield wood chipping setting
- resources, equipment and materials:
 - split flail and wood chipper
 - mobile machine to feed flail and chipper
 - whole trees and logs to be chipped

- personal protective equipment required in infield wood chipping operations
- vehicle-to-vehicle communication system
- truck to load if applicable
- specifications:
 - access to work order or instruction detailing infield wood chipping activities to be carried out by operator
 - access to workplace safety and environmental protection policies and procedures applicable to infield wood chipping operations
 - access to production plan
 - access to workplace safety and environmental protection plans
 - access to site emergency procedure
 - access to workplace safe operating procedures or operator manual for split flail and wood chipper
 - access to user manual for vehicle-to-vehicle communication system.

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>