



Australian Government

FWPHAR3233 Use mechanised equipment for forestry site preparation on steep slopes

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 set up and operate mechanised equipment for forestry site preparation on steep slopes. The unit also includes preparing for site preparation activities, conducting pre-operational equipment checks and implementing operator maintenance.

The unit applies to individuals who work as forestry machine operators in a forest or plantation setting.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety regulations, legislation and standards 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 site preparation activities	1.1 Determine job requirements from work order or instruction and, where required, seek clarification from appropriate personnel 1.2 Confirm safety and environmental protection requirements for

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	the task according to workplace procedures 1.3 Identify, assess and take actions to mitigate risks and hazards associated with using mechanised equipment for forestry site preparation on steep slopes 1.4 Identify emergency plan procedures to follow in the event of an emergency 1.5 Identify location of site preparation task 1.6 Plan site preparation activities according to work order or instruction 1.7 Consult with appropriate personnel to ensure that work is coordinated effectively with others in the workplace 1.8 Select mechanised equipment and ground engaging attachment suitable for site preparation task 1.9 Check serviceability of mechanised equipment and ground engaging attachment 1.10 Select, fit and use personal protective equipment
2. Set up and operate machine	2.1 Carry out pre-start and start-up checks according to manufacturer instructions and workplace procedures 2.2 Identify faults or defects and rectify or report within scope of own responsibility according to workplace procedures 2.3 Drive, control and manoeuvre machine with site preparation attachments using techniques suited to equipment capabilities, site characteristics, slope and work conditions 2.4 Engage and disengage attachment according to manufacturer instructions and workplace procedures 2.5 Identify, remove or manage contaminants according to workplace procedures 2.6 Monitor and manage machine performance using appropriate indicators to ensure efficiency of operations 2.7 Monitor hazards and risks during operations and ensure safety of self, other personnel, plant and equipment 2.8 Park, shut down, secure and carry out post-operational inspection of machine according to workplace procedures
3. Carry out operator maintenance	3.1 Lock out machine according to workplace safety and manufacturer requirements

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	3.2 Access tools and service equipment required for performing routine maintenance according to manufacturer instructions 3.3 Check ground engaging attachments for wear and damage at appropriate or recommended intervals 3.4 Complete operator maintenance tasks according to manufacturer recommendations and workplace procedures 3.5 Record and report production outcomes and equipment faults to appropriate personnel

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 to determine work requirements
Writing	Use technical and enterprise specific vocabulary to accurately and legibly complete workplace records and forms
Oral communication	Ask questions to clarify contents of production plans
Numeracy	Interpret numerical and graphical information shown on screens, displays and gauges

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPHAR3233 Use mechanised equipment for forestry site preparation	Not applicable	This unit has been created to address an emerging skill or task required by industry	Newly created

Links

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