



Australian Government

FWPCOT2226 Debark logs mechanically

Release: 2

FWPCOT2226 Debark logs mechanically

Modification History

Release	Comments
Release 2	This version released with FWP Forest and Wood Products Training Package Version 3.0.
Release 1	This version released with FWP Forest and Wood Products Training Package Version 2.2.

Application

This unit of competency describes the skills and knowledge required to debark logs mechanically to a set diameter and length in a saw mill or wood processing plant.

The unit applies to individuals who debark logs using mechanical equipment. Operators generally work under broad direction and take responsibility for their work.

No occupational licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Core Technical (COT)

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. Where bold italicised text is used, further information is detailed in the range of conditions.</i>
1. Prepare for debarking	1.1 Review work order and clarify with appropriate personnel 1.2 Assess type and quantity of logs to be processed by mechanical debarker 1.3 Select equipment and check for operational effectiveness 1.4 Plan debarking process in line with site work, health and safety

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<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions.</i>
	and operating procedures and environmental requirements 1.5 Identify emergency plan procedures to follow in the event of an emergency 1.6 Establish and maintain communication with others in line with work health and safety requirements
2. Debark logs	2.1 Carry out pre-operational checks on mechanical debarker in line with workplace procedures or manufacturers' recommendations 2.2 Feed material into the machine at the rate prescribed by workplace requirements 2.3 Regularly check and adjust conveyors to maximise feed rate and maintain desired quality and output 2.4 Segregate logs with defects and dispose of in line with site procedures and environmental requirements 2.5 Direct debarked logs to storage in a designated location in line with work order 2.6 Report processing faults to appropriate personnel
3. Conduct operator maintenance	3.1 Lock-out mechanical debarker in line with site procedures 3.2 Conduct visual inspection to identify issues and faults 3.3 Check mechanical debarker for blunt or damaged cutters and remove and replace, in line with manufacturers' specifications 3.4 Repair or replace blunt or damaged cutters in line with site procedures and environmental requirements 3.5 Record and report mechanical debarker operations, faults and maintenance activities

Foundation Skills

This section describes those core and employment skills that are essential to performance and are not explicit in the performance criteria.

Skill	Description
Reading	read standard operating procedures and/or manufacturers' instructions for the operation of debarker

Skill	Description
Writing	record operation, production and machine maintenance on paper based or electronic media
Oral Communication	- interact verbally with others on site to ensure safe and effective debarking operations - use appropriate vocabulary, including technical language directly relevant to role
Numeracy	interpret gauges relevant to safe operation of debarker
Navigate the world of work	understand main tasks, responsibilities and boundaries of own role
Interact with others	communicate and report operational and safety information to on-site personnel
Get the work done	- recognise and respond to routine problems - plan and organise own work activities and resources

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPCOT2226 Debark logs mechanically Release 2	FWPCOT2226 Debark logs mechanically Release 1	No significant changes were applied to this unit. One new PC1.5 added and PC1.4 edited to align with existing KE. Minor additions to the foundation skills.	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>

Assessment Requirements for FWPCOT2226 Debark logs mechanically

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Performance Evidence

An individual demonstrating competency must satisfy all the elements and performance criteria of this unit. There must be evidence that, on at least one occasion, the individual has:

- safely and effectively operated a mechanical debarker in line with a work order
- assessed logs to be debarked for defects that will effect processing
- communicated effectively with others in the work area
- followed workplace procedures for operating a mechanical debarker
- carried out routine maintenance on a mechanical debarker
- recorded and reported debarker operations and maintenance activities.

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:

- workplace procedures for operating a mechanical debarker as outlined in workplace procedures and production plan
- environmental protection requirements and safe disposal of waste as outlined in workplace procedures and production plan
- characteristics of trees and timber defects that can cause processing problems
- industry or workplace-accepted communication protocols and procedures to maintain work safety during mechanical debarker operations
- processes for managing risks and hazards associated with debarking logs
- work health and safety requirements and emergency evacuation procedures
- procedures for recording and reporting operation and machine maintenance records.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a log processing facility or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - mechanical debarker
 - logs to be debarked
 - personal protective equipment
- specifications:
 - access to workplace policies and procedures which cover current Work Health and Safety Acts or Occupational Health and Safety Acts , regulations and related industry standards and codes of practice applicable to forest harvesting operations
 - access to workplace policies and procedures which cover current Environment Protection Acts, regulations and related industry standards and codes of practice applicable to forest harvesting operations
 - access to workplace policies and procedure for operating a mechanical debarker
 - access to site emergency procedure.

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

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