



Australian Government

FWPHAR3215 Operate a heavy production mobile chipper

Release: 1

FWPHAR3215 Operate a heavy production mobile chipper

Modification History

Release	Comment
1	Replaces equivalent unit FPIHAR3215C Operate a heavy production mobile chipper, which was first released FPI11 Forest and Forest Products Training Package Version 1. This is the first release of this unit in the new standards format.

Application

This unit of competency describes the outcomes required to operate a heavy production mobile chipping unit to chip logs or tree lengths on-site during forest harvesting operations.

The unit applies to those who operate a heavy production mobile chipping unit in a forest environment.

Licensing, legislative, regulatory, or certification requirements apply to this unit in some states and territories at the time of publication, and may differ according to jurisdiction.

Pre-requisite Unit

Nil

Unit Sector

Harvesting and Haulage

Elements and Performance Criteria

Elements describe the essential outcomes.	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.
1. Plan and prepare for chipping	1.1 Review work order and clarify with appropriate personnel. 1.2 Identify and assess type and quantity of timber to be chipped to meet requirements for work order and safe working conditions. 1.3 Select equipment to meet to work requirements and check for operational effectiveness. 1.4 Plan chipping activities in line with site procedures and environmental and heritage concerns

	1.5 Position and set-up chipper to ensure stability and to effectively chip wood 1.6 Communication with others is established and maintained in line with WHS requirements.
2. Chip timber	2.1 Carry out pre-operational checks on the heavy production mobile chipper. 2.2 Start up chipper according to safe workplace requirements 2.3 Detect site hazards associated with chipper and plan safe operating techniques to minimise risk. 2.4 Direct timber into the chipper at a rate applicable to the capacity of the machinery and chip size specified in the work order. 2.5 Direct chipped timber into the back of a truck or other modes of transportation or for stockpile. 2.6 Establish and maintain communication with truck driver to ensure efficient and safe loading of chipped materials
3. Carry out machine operator maintenance	3.1 Lock-out chipper and shut down if required, in line with site procedures. 3.2 Conduct visual inspection to identify issues and faults. 3.3 Remove and replace worn components as required to fulfil the work order. 3.4 Clean, check and carry out routine maintenance tasks on chipper. 3.5 Record and report chipper 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.

Writing skills to:	complete records, reports and maintenance logs.
Problem solving skills to:	identify and resolve equipment issues and faults.

Range of Conditions

Not Applicable

Unit Mapping Information

FPIHAR3215C Operate a heavy production mobile chipper.

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 FWPHAR3215 Operate a heavy production mobile chipper

Modification History

Release	Comment
1	Replaces equivalent unit FPIHAR3215C Operate a heavy production mobile chipper, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2. This is the first release of this unit in the new standards format. Assessment requirements now specify the performance and knowledge evidence, as well as assessment conditions for this unit of competency. These sections simplify and replace components used in the previous unit format, including Required Skills and Knowledge, Evidence Guide and Range Statement.

Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit. If a specific volume or frequency is not stated below, then evidence must be provided that the following requirements have been performed on at least one occasion:

- operate a heavy production mobile chipper in line with work orders and fill trucks/trailers for transportation according to safe working requirements and environmental care procedures
- assess timber to be chipped for defects that will affect processing
- safely conduct start up and shut down of a heavy production mobile chipper in line with enterprise procedures
- carry out routine maintenance on a heavy production mobile chipper
- work safely and communicate effectively with others in the work area
- follow organisational policies and procedures relevant to operating a mobile chipper

Knowledge Evidence

A person competent in this unit must be able to demonstrate knowledge of:

- workplace policies and procedures for operating a heavy production mobile chipper
- environmental protection requirements
- operational procedures and checks including start-up and shut-down procedures
- characteristics of trees and timber defects that can cause processing problems
- chip types and quality
- established communication channels and protocols to maintain safety

- processes for managing risks and hazards associated with chipping wood
- re-positioning and set up mobile chipper
- workplace health and safety requirements, fire protocols and emergency evacuation procedures
- procedures for recording and reporting workplace records and information.

Assessment Conditions

The following resources must be made available:

- a heavy production mobile chipper
- logs, trees and/or wood resource to be chipped
- work order, workplace requirements and site standards for operating a heavy production mobile
- truck, trailer or container for receiving chipped material
- relevant personnel for the purposes of communicating information
- personal protective equipment required to operate chipper.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessor requirements

Assessors must:

- hold the appropriate assessor competency standards as outlined in regulations; and
- be able to demonstrate vocational competencies at least to the level being assessed; and
- be able to demonstrate how they are continuing to develop their VET knowledge and skills as well as maintaining their industry currency and assessor competence.

Links

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