



Australian Government

AHCMOM308 Operate broadacre and row crop harvest machinery and equipment

Release: 2

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Modification History

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 3.0.
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0.

Application

This unit of competency describes the skills and knowledge required to operate harvest machinery and equipment used for broadacre and row crop harvesting in the agriculture and horticulture sectors.

This unit applies to individuals who operate broadacre or row crop harvesting machinery and equipment under broad direction, and take responsibility for their own work.

Vehicle must be operated according to relevant state/territory licensing authority vehicle licence requirements and regulations.

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

Pre-requisite Unit

Nil

Unit Sector

Machinery operation and maintenance (MOM)

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 broadacre and row crop harvesting	1.1 Confirm activity to be undertaken, including identifying potential hazards and risks and implementing of safe working practices to

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<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
machinery for use	manage risks 1.2 Source and interpret relevant harvesting machinery and equipment operation and maintenance manual and manufacturer instructions 1.3 Select and maintain personal protective equipment according to workplace safety requirements 1.4 Fit and use personal protective equipment according to job requirements and applicable to task to be undertaken 1.5 Conduct harvest machinery and equipment routine pre-operational checks 1.6 Document damaged or worn components and organise for replacement according to workplace procedures 1.7 Attach ancillary equipment and check for correct operation
2. Operate broadacre and row crop machinery and equipment	2.1 Carry out pre-start, and start up procedures according to workplace practices 2.2 Operate harvest machinery and equipment in a safe, controlled and efficient manner and monitor for performance and efficiency 2.3 Operate harvest machinery according to operation and maintenance manual, manufacturer specifications, task requirements and conditions 2.4 Identify environmental and biosecurity implications associated with harvesting and undertake activities to minimise impact 2.5 Continually monitor hazards and risks, and ensure safety of self, other personnel, plant and equipment
3. Complete work	3.1 Conduct shut down in line with workplace procedures 3.2 Perform routine operational servicing and minor maintenance 3.3 Identify and report malfunctions, faults, irregular performance or damage according to workplace procedures 3.4 Clean, store and secure harvest machinery and equipment 3.5 Remove and store keys in the required location 3.6 Maintain harvest machinery use records in required format

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 textual information from a range of sources to identify relevant and key information about workplace operations
Writing	Document harvest machinery use
Oral communication	Use clear language to report malfunctions, faults, irregular performance or damage
Numeracy	- Calculate quantities of vehicle fluids including fuel - Identify correct tyre pressure or track tension
Navigate the world of work	Recognise and follow workplace requirements, including safety requirements, associated with own role and area of responsibility

Range of Conditions

This section specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Pre operational checks must include:	- maintenance interval schedule daily check - machine damage and serviceability - checking for missing parts - fluid leaks and levels - fuel level - brakes and clutch operation - condition of tyres or tracks - machine controls.
Biosecurity implications must include:	control of cross-site contamination.

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
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AHCMOM308 Operate broadacre and row crop harvest machinery and equipment Release 2	AHCMOM308 Operate broadacre and row crop harvest machinery and equipment Release 1	Minor changes to performance criteria, foundation skills and range of conditions	Equivalent unit
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Links

Companion Volumes, including Implementation Guides are available at VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>