



Australian Government

AHCMOM205 Operate vehicles

Release: 2

AHCMOM205 Operate vehicles

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 undertake pre-start checks, operate and shut down vehicles used in the agriculture, horticulture and land management sectors.

The unit applies to individuals who operate vehicles to undertake routine work under general supervision with limited autonomy and accountability.

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 vehicle for use	1.1 Confirm with supervisor activity to be undertaken, including identifying and reporting potential hazards and risks and implementing safe working practices to manage risk

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.2 Source and interpret relevant vehicle operation and maintenance manual and observe manufacturer instructions 1.3 Select and use personal protective equipment and safety equipment applicable to operating the vehicle 1.4 Carry out vehicle routine pre-operational checks and maintenance of vehicle prior to use 1.5 Identify faults or malfunctions and report to supervisor for repair 1.6 Secure loads according to vehicle operation manual and manufacturer instructions
2. Drive vehicle	2.1 Carry out pre-start, and start up procedures according to workplace health and safety guidelines 2.2 Drive vehicle in a safe and controlled manner 2.3 Identify and anticipate driving hazards during vehicle operation 2.4 Apply safe and defensive driving techniques for controlling hazards 2.5 Identify environmental and biosecurity implications associated with vehicle operation and minimise impact
3. Complete vehicle operation	3.1 Park vehicle and conduct shut down according to workplace procedures 3.2 Perform routine operational servicing and minor maintenance according to vehicle operation and maintenance manual 3.3 Identify and report malfunctions, faults, irregular performance or damage to supervisor 3.4 Clean, decontaminate, secure and store vehicle 3.5 Remove and store keys according to workplace procedures 3.6 Maintain vehicle 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 vehicle operation
Writing	Document vehicle usage including mileage, dates and times
Oral communication	- Use clear language to report malfunctions, faults, irregular performance or damage - Participate in verbal exchanges to respond to questions and clarify information
Numeracy	- Calculate quantities of vehicle fluids including fuel - Identify correct tyre pressure
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.

Vehicle must include at least one of the following:	- utilities - four wheel drive vehicles - light trucks.
Pre-operational checks must include:	- vehicle damage and serviceability - checking for missing parts - fluid leaks and levels - fuel level - brakes and clutch operation - condition of tyres - vehicle 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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AHCMOM205 Operate vehicles Release 2	AHCMOM205 Operate vehicles 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>

Assessment Requirements for AHCMOM205 Operate vehicles

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Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit. There must be evidence that the individual has undertaken pre-start checks, operated and shut down vehicles used in the agriculture, horticulture and land management sectors on at least one occasion and has:

- identified and reported hazards and implemented safe operating procedures for vehicle operation
- prepared the vehicle for use by undertaking routine pre-operational checks and maintenance tasks
- safely secured loads prior to vehicle operation
- driven the vehicle in a safe and controlled manner
- carried out vehicle shut down procedures including securing of vehicle and safe storage
- minimised environmental impacts associated with vehicle usage and operation
- followed workplace health and safety procedures during preparing vehicle for use, operation and shut down
- followed industry and workplace biosecurity procedures
- completed required documentation for vehicle use.

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:

- hazards and risks associated with vehicle operations
- safety requirements for vehicle use and operation
- vehicle operation and maintenance manual
- vehicle components, controls, features, technical capabilities and limitations
- vehicle operating principles and operating methods
- load limits and the principles of weight distribution with regard to load shifting and vehicle movement

- effects of adverse surface and terrain conditions on the operation of vehicles
- duty of care to self, others and the environment when operating vehicles
- relevant legislation with regard to vehicle operation and licensing requirements
- environmental impacts relevant to operation of vehicles
- workplace procedures applicable to workplace health and safety requirements to operate a vehicle safely
- industry and workplace biosecurity procedures.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a workplace setting or an environment that accurately represents workplace conditions
 - individual must not be under the influence of alcohol or drugs
 - individual must not be taking any medication (prescribed or otherwise) that may impair judgement
 - individual must not be in a fatigued state when operating vehicles
- resources, equipment and materials:
 - a range of vehicles
 - vehicle loads
 - tie down devices
 - safety equipment and personal protective equipment applicable to the task being undertaken
- specifications:
 - vehicle operation and maintenance manuals
 - industry and workplace biosecurity procedures applicable to vehicle operation
 - legislation relevant to vehicle operation and licensing requirements
- timeframes:
 - according to the job requirements.

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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