



Australian Government

AHCMOM201 Operate two wheel motorbikes

Release: 2

AHCMOM201 Operate two wheel motorbikes

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 two wheel motorbikes.

The unit applies to individuals who operate two wheel motorbikes 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 a two wheel motorbike for operation	1.1 Confirm with supervisor activity to be undertaken and that the vehicle is fit for purpose 1.2 Identify potential hazards and risks to self and implement safe working practices to manage risks

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.3 Conduct routine pre-operational checks on two wheel motorbike according to operators manual and report faults or malfunctions to supervisor for repair 1.4 Select and maintain personal protective equipment according to workplace safety requirements 1.5 Use and fit personal protective equipment, including helmet that is fit for purpose 1.6 Select two wheel motorbike according to rider's size, skill level and task to be completed 1.7 Ensure any items that are to be transported on the two wheel motorbike are safely secured 1.8 Identify and confirm areas and applications excluded to two wheel motorbike operation on the workplace safety plan
2. Operate a two wheel motorbike	2.1 Start up, steer, manoeuvre, position and stop two wheel motorbike in a controlled manner 2.2 Comply with legislation and workplace safety plan in regard to carrying passengers 2.3 Identify environmental and biosecurity implications associated with two wheel motorbike operation and minimise impact 2.4 Identify situations where two wheel motorbike good riding techniques are required 2.5 Apply two wheel motorbike good riding techniques to pre-position the body to assist bike stability 2.6 Identify and avoid riding surfaces, terrain and slopes that are dangerous to safe operation 2.7 Operate and manoeuvre over a variety of surfaces, slopes and terrain to minimise risk to safety 2.8 Modify two wheel motorbike operation according to local weather conditions
3. Conduct shut down procedures	3.1 Shut down two wheel motorbike 3.2 Identify and report malfunctions, faults, irregular performance or damage to supervisor 3.3 Store and secure two wheel motorbike 3.4 Remove and store keys in the required location

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	3.5 Unload, load and secure motorbike safely

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
Oral communication	- Use clear language to report malfunctions, faults and irregular performance or damage - Participate in verbal exchanges to respond to questions and clarify information
Numeracy	- Calculate quantities of vehicle fluids including oil and fuel - Identify correct tyre pressures
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:	- vehicle damage and serviceability - engine oil - fuel - brakes - tyres, including pressure and condition - vehicle controls.
Biosecurity implications must include:	control of cross site contamination.

Two wheel motorbike good riding techniques must include:	• pre-positioning and adjustment of body weight when going uphill, including standing up and body forward • pre-positioning and adjustment of body weight when going downhill, including standing up and body rearward • leaning the two wheel motorbike towards the slope and pressing hard on the outside (downhill) footrest, keeping the body weight on top of the tyre tread when riding across slopes • standing up to improve situational awareness, when operating in restricted visibility situations, rough terrains and crossing obstacles.
Unload, load and secure motorbike must include at least one of the following:	• trailer • transportation device • on site vehicle storage.

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCMOM201 Operate two wheel motorbikes Release 2	AHCMOM201 Operate two wheel motorbikes Release 1	Minor changes to performance criteria, foundation skills and range of conditions	Equivalent unit

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 AHCMOM201 Operate two wheel motorbikes

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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 safely operated a two wheel motorbike on at least two different riding surface conditions and on an even, uneven and sloping terrain and has:

- operated a two wheel motorbike without a passenger
- identified hazards and risks associated with two wheel motorbike areas of operation
- identified and avoided riding surfaces, terrains and slopes that are dangerous to safe operation of two wheel motorbikes
- complied with legislation and workplace safety plan in regard to carrying passengers
- selected and worn two wheel motorbike helmet that was fit for purpose
- selected, correctly fitted, used and maintained personal protective equipment
- started, steered, manoeuvred, positioned and stopped a two wheel motorbike in a controlled manner
- applied two wheel motorbike good riding techniques to pre-position the body to assist bike stability
- unloaded, loaded and secured two wheel motorbike safely.

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 two wheel motorbike areas of operation
- components, controls and features of two wheel motorbikes and their functions
- two wheel motorbike functional applications
- operating principles and operating methods of two wheel motorbikes
- two wheel motorbike good riding techniques, including requirements to pre-position and adjust body weight for riding uphill, downhill and on uneven terrain

- workplace safety plan and operators manual
- impacts and consequences of substandard environmental and biosecurity practices
- load limits and two wheel motorbike capabilities and the effects to dynamic stability on the two wheel motorbike including:
 - passengers
 - weight distribution
 - load security
 - liquid or shifting loads
 - effect of load when operating on uneven or sloping terrain
- loading and unloading safely from a trailer, transportation device and site storage, including use of:
 - tie down devices
 - vehicle ramps
 - loading surfaces and angle
- effects of different riding surfaces and terrain conditions on the operation of two wheel motorbikes
- variations in state/territory regulations, legislation and licensing requirements in regard to two wheel motorbike use.

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
 - no riders under 16 years of age on adult sized two wheel motorbikes
 - no towing
 - helmets must be worn whilst operating two wheel motorbikes
 - 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
- resources, equipment and materials:
 - two wheel motorbike
 - vehicle fuel
 - two wheel motorbike helmet
 - enclosed shoes
- specifications:
 - two wheel motorbike manufacturer specifications and operator manuals
- 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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