Modification history

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| Release | Comments |
| Release 2 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 2.0. |
| Release 1 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0 and meets the Standards for Training Packages 2012. |

| AHCMOM201 | Operate two wheel motorbikes |
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| 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 apply operating principles to the operation of 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. |
| Prerequisite Unit | Nil. |
| Unit Sector | Machinery operation and maintenance (MOM) |

| Elements | Performance Criteria |
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| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 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 and control risks and hazards to self and others and implement safe working practices  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 wear helmets that are fit for purpose  1.5 Select, correctly fit, use and maintain personal protective equipment  1.6 Select appropriate two wheel motorbike for the rider’s size, skill 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 motorbikes 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 regards to carrying passengers  2.3 Identify situations where two wheel motorbike good riding techniques are required  2.4 Apply two wheel motorbike good riding techniques to pre-position the body to assist bike stability  2.5 Identify and avoid riding surfaces, terrains and slopes that are dangerous to safe operation  2.6 Operate and manoeuvre over a variety of surfaces, slopes and terrain to minimise risk to safety  2.7 Modify two wheel motorbike operation according to local weather conditions  2.8 Identify environmental and biosecurity implications associated with two wheel motorbike operation and minimise impact |
| 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  3.5 Remove and store keys  3.6 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. | |
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| 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 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. | |
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| Pre-operational checks must include: | * vehicle damage and serviceability * engine oil * fuel * brakes * tyres, including: * pressure * condition * vehicle controls. |
| Personal protective equipment must include: | * a suitable helmet * enclosed shoes * safety equipment and personal protective equipment applicable to the task being undertaken. |
| Two wheel motorbike good riding techniques must include: | * prepositioning and adjustment of body weight, including: * standing up and positioning of body forward when going uphill * standing up and positioning of body rearward when going downhill * 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 * operating in rough terrain * crossing obstacles. |
| Biosecurity implications must include: | * control of cross site contamination. |
| Unload, load and secure motorbike must include at least one of the following: | * trailer * transportation device * on site vehicle storage. |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCMOM201 Operate two wheel motorbikes | AHCMOM201A Operate two wheel motorbikes | This unit is equivalent to AHCMOM201A Operate two wheel motorbikes. Minor changes to performance criteria, foundation skills and range of conditions. | Equivalent |

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| Links | Companion Volumes, including Implementation Guides are available at VETNet <https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72> |

| TITLE | 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, on at least one occasion, the individual has operated a two wheel motorbike in a range of riding surface conditions and in a range of terrains appropriate for the safe use of two wheel motorbikes using safe working practices and has:   * operated a two wheel motorbike without a passenger * identified hazards and risks associated with two wheel motorbike areas of operation * complied with legislation and workplace safety plan in regards to carrying passengers * identified and avoided riding surfaces, terrains and slopes that are dangerous to safe operation of two wheel motorbikes * select and worn two wheel motorbike helmet that was fit for purpose * selected, correctly fit, used and maintained personal protective equipment * operated and manoeuvred two wheel motorbikes in a range of riding surface conditions and terrain conditions including uneven and steep terrain * started, steered, manoeuvred, positioned and stopped a two wheel motorbike in a controlled manner * applied two wheel motorbike good riding techniques to preposition the body to assist bike stability * unloaded, loaded and secured two wheel motorbike safely. | |

| Knowledge Evidence |
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| 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 both when and when not to apply two wheel motorbike good riding techniques * workplace safety plan and operators manual * consequences of poor environmental and biosecurity practices * load limits and two wheel motorbike capabilities and the effects to dynamic stability of the two wheel motorbike including: * passengers * weight distribution * load security * liquid or shifting loads * effect of load when operating on uneven or steep 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 * how State/Territory regulations, legislation and licensing requirements may vary in regard to two wheel motorbike use. |

| Assessment Conditions |
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| 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 * safety equipment and personal protective equipment applicable to the task being undertaken * specifications: * two wheel motorbike manufacturer specifications and operator manuals * relationships: * supervisors * 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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