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. |

| AHCMOM205 | Operate vehicles |
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| Application | This unit of competency describes the skills and knowledge required to operate and maintain vehicles.  All work must be carried out to comply with workplace procedures, work health and safety requirements, manufacturer specifications, sustainability practices and any local, state and federal government regulations, legislation and codes of practice.  This unit applies to individuals who work under broad direction and take responsibility for their own work. They use discretion and judgement in the selection and use of available resources.  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 vehicle for use | 1.1 Confirm activity to be undertaken, including identifying and reporting potential hazards and implementation of safe working procedures  1.2 Read relevant vehicle operation and maintenance manual and observe manufacturer instructions  1.3 Carry out vehicle routine pre operational checks and maintenance of vehicle prior to use  1.4 Identify faults or malfunctions and report for repair  1.5 Secure loads appropriately  1.6 Select, correctly fit, use and maintain personal protective clothing and equipment |
| 2.Drive vehicle | 2.1 Carry out pre-start, and start-up procedures  2.2 Drive vehicle in a safe and controlled manner  2.3 Identify and anticipate driving hazards and control through the application of safe and defensive driving techniques |
| 3.Complete and record vehicle performance | 3.1 Park vehicle and conduct shut-down 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  3.4 Clean and decontaminate (where necessary), secure and store vehicles  3.5 Remove and store keys  3.6 Identify environmental and biosecurity implications associated with vehicle operation and minimise impact  3.7 Maintain vehicle use records |

| 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 |
| Writing | * Document vehicle loader use |
| 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. | |
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| 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. |
| Personal protective clothing and equipment must include: | * safety equipment and personal protective clothing and equipment applicable to the task being undertaken. |
| Biosecurity implications must include: | * control of cross site contamination. |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCMOM205 Operate vehicles | AHCMOM205A Operate vehicles | This unit is equivalent to AHCMOM205A Operate vehicles. 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 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, on at least one occasion, the individual has:   * identified and reported hazards and implemented safe operating procedures * prepared the vehicle for use including routine pre-operational checks and maintenance * secured loads * driven the vehicle in a safe and controlled manner * carried out vehicle shut-down procedures * minimised environmental impacts associated with vehicle operation * followed work health and safety procedures * followed industry and workplace biosecurity procedures. | |

| 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 vehicle operations * vehicle safety requirements * vehicle components, controls, features, technical capabilities and limitations * vehicle operation and maintenance manual * 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 * relevant legislation with regard to vehicle operation and licensing requirements * work health and safety requirements to operate a vehicle safely * industry and workplace biosecurity procedures. |

| 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 * in a range of surface conditions and on a range of different terrains * 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 clothing and 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 * relationships: * team members/supervisors or realistic scenarios or role plays * 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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