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. |

| AHCMOM211 | Operate side by side utility vehicles |
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| Application | This unit of competency describes the skills and knowledge required to prepare, operate and complete side by side utility vehicle operations.  The unit applies to individuals who apply operating principles to the operation of side by side utility 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. |
| 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 side by side utility vehicle for use | 1.1 Confirm with supervisor activity to be undertaken, including identifying potential hazards and risks and implementation of safe working procedures  1.2 Conduct routine pre-operational checks on the vehicle according to operators manual and report faults or malfunctions for repair  1.3 Select and wear helmets that are fit for purpose  1.4 Select, correctly fit, use and maintain personal protective clothing and equipment  1.5 Attach equipment and loads that do not exceed the weight limitations of the vehicle  1.6 Secure loads and ensure weight does not exceed limits |
| 2.Operate side by side utility vehicle | 2.1 Start up, steer, manoeuvre, position and stop side by side utility vehicle in a controlled manner  2.2 Apply side by side utility vehicle driver skills  2.3 Operate side by side utility vehicles in accordance with task requirements, conditions and operators manual  2.4 Identify and avoid riding surfaces, terrains and slopes that are dangerous to safe operation  2.5 Operate and manoeuvre over a variety of surfaces, slopes and terrain to minimise risk to safety  2.6 Modify side by side utility vehicle operation according to local weather conditions  2.7 Ensure that vehicle seat belts and other safety features are functional and correctly fitted  2.8 Identify environmental and biosecurity implications associated with side by side utility vehicle operation and minimise impact of vehicle use |
| 3.Complete side by side utility vehicle operation | 3.1 Shut down side by side utility vehicle  3.2 Identify and report malfunctions, faults, irregular performance or damage to supervisor  3.3 Park and secure side by side utility vehicle  3.4 Remove and store keys  3.5 Unload, load and secure side by side utility vehicle safely  3.6 Maintain vehicle use records for servicing purposes |

| 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 * Calculate load volumes and weights * 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 * fuel * brakes * tyres, including: * pressure * condition * vehicle controls. |
| Personal protective clothing and equipment must include: | * a suitable helmet * enclosed toe shoes * safety equipment and personal protective equipment applicable to the task being undertaken. |
| side by side utility vehicle driver skills must include: | * parking across the slope when parking on a hill or gradient * on-board weight distribution * load security * crossing obstacles * avoiding hazards. |
| Safety features must include at least three of the following: | * roll-over protective structure (ROPS) * seat belts * side nets * doors * occupant hand holds * tyre selection and inflation pressure. |
| Unload, load and secure side by side utility vehicle 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 |
| AHCMOM211 Operate side by side utility vehicles | AHCMOM211A Operate side by side utility vehicles | This unit is not equivalent to AHCMOM211A Operate side by side utility vehicles. Significant changes to performance criteria, foundation skills and range of conditions. | No equivalent unit |

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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 AHCMOM211 Operate side by side utility 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 operated a side by side utility vehicle in a range of surface conditions and in a range of terrains appropriate for the safe use of side by side utility vehicles using safe working practices and has:   * identified hazards and risks associated with side by side utility vehicle use * identified and avoided driving surfaces, terrains and slopes that are dangerous to safe operation of side by side utility vehicles * selected and worn side by side utility vehicle helmet that was fit for purpose * selected, correctly fit, used and maintained personal protective equipment * operated and manoeuvred side by side utility vehicles in a range of surface and terrain conditions including uneven and steep terrain * started, steered, manoeuvred, positioned and stopped a side by side utility vehicle in a controlled manner * selected appropriate modes of operation and applied side by side utility vehicle driver skills to assist vehicle stability * unloaded, loaded and secured side by side utility vehicle safely * minimised environmental impacts associated with side by side utility vehicle operation * 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 side by side utility vehicle areas of operation * components, controls, modes and features of side by side utility vehicles and their functions * side by side utility vehicle functional applications, including: * occupant hand holds, correct use, importance of reach and keeping body parts inside vehicle * roll-over protective structure (ROPS) * tyre selection and inflation pressure * side nets and doors * operating principles and operating methods of side by side utility vehicles * side by side utility vehicle driver skills, including higher level two foot pedal operation skills, for technical applications * workplace safety plan and operators manual * impacts and consequences of substandard environmental and biosecurity practices * load limits and attachments specific to side by side utility vehicle capabilities and the effects to dynamic stability of the side by side utility vehicle including: * 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 surfaces and terrain conditions on the operation of side by side utility vehicle * variations in State/Territory regulations and legislation that may apply in regard to side by side utility vehicle use * environmental impacts associated with operating side by side utility vehicles * 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 * helmets must be worn whilst operating side by side utility vehicles * resources, equipment and materials: * side by side utility vehicle * vehicle fuel * side by side utility vehicle helmet * enclosed toe shoes * safety equipment and personal protective equipment applicable to the task being undertaken * specifications: * side by side utility vehicle manufacturer specifications and operator manuals * industry and workplace biosecurity procedures applicable to side by side utility vehicle operation * 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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