



**Australian Government**

# **AHCMOM216 Operate side by side utility vehicles**

**Release: 1**

# AHCMOM216 Operate side by side utility vehicles

## Modification History

| Release   | Comments                                                                                                                    |
|-----------|-----------------------------------------------------------------------------------------------------------------------------|
| Release 1 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 3.0. |

## Application

This unit of competency describes the skills and knowledge required to safely operate a side by side utility vehicle including undertaking pre-start checks and shut down procedures.

The unit applies to individuals who operate 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.

## 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 side by side utility vehicle for use   | 1.1 Confirm with supervisor activity to be undertaken, including identifying potential hazards and risks and implementing safe working practices to manage risks<br>1.2 Conduct routine pre-operational checks on the vehicle according to operators manual and report faults or malfunctions for repair<br>1.3 Select and maintain personal protective equipment according to |

| <b>Elements</b>                                    | <b>Performance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i>   | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                    | <p>workplace safety requirements</p> <p>1.4 Use, wear and correctly fit personal protective equipment including helmets that are fit for purpose according to operators manual</p> <p>1.5 Attach equipment and loads that do not exceed the weight limitations of the vehicle</p> <p>1.6 Secure loads to ensure safe transport</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 2. Operate side by side utility vehicle            | <p>2.1 Start up, steer, manoeuvre, position and stop side by side utility vehicle in a controlled manner</p> <p>2.2 Identify environmental and biosecurity implications associated with side by side utility vehicle operation and minimise impact of vehicle use</p> <p>2.3 Apply side by side utility vehicle driver skills</p> <p>2.4 Operate side by side utility vehicles in accordance with task requirements, conditions and operators manual</p> <p>2.5 Identify and avoid riding surfaces, terrains and slopes that are dangerous to safe operation</p> <p>2.6 Operate and manoeuvre over a variety of surfaces, slopes and terrain to minimise risk to safety</p> <p>2.7 Modify side by side utility vehicle operation according to local weather conditions</p> <p>2.8 Ensure that vehicle seat belts and other safety features are functional and correctly fitted</p> |
| 3. Complete side by side utility vehicle operation | <p>3.1 Shut down side by side utility vehicle</p> <p>3.2 Identify and report malfunctions, faults, irregular performance or damage to supervisor</p> <p>3.3 Park and secure side by side utility vehicle</p> <p>3.4 Remove and store keys in the required location</p> <p>3.5 Unload, load and secure side by side utility vehicle safely</p> <p>3.6 Maintain vehicle use records for servicing purposes in line with workplace practices</p>                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## 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                    | <ul style="list-style-type: none"><li>• Interpret textual information from a range of sources to identify relevant and key information about workplace operations</li></ul>                                                       |
| Oral communication         | <ul style="list-style-type: none"><li>• Use clear language to report malfunctions, faults and irregular performance or damage</li><li>• Participate in verbal exchanges to respond to questions and clarify information</li></ul> |
| Numeracy                   | <ul style="list-style-type: none"><li>• Calculate quantities of vehicle fluids including oil and fuel</li><li>• Calculate load volumes and weights</li><li>• Identify correct tyre pressure</li></ul>                             |
| Navigate the world of work | <ul style="list-style-type: none"><li>• Recognise and follow workplace requirements, including safety requirements, associated with own role and area of responsibility</li></ul>                                                 |

## 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:                     | <ul style="list-style-type: none"><li>• vehicle damage and serviceability</li><li>• fuel</li><li>• brakes</li><li>• tyres including pressure and condition</li><li>• vehicle controls.</li></ul>                                      |
| Personal protective equipment must include:              | <ul style="list-style-type: none"><li>• a suitable helmet according to operators manual</li><li>• enclosed toe shoes</li></ul>                                                                                                        |
| Side by side utility vehicle driver skills must include: | <ul style="list-style-type: none"><li>• parking across the slope when parking on a hill or gradient</li><li>• on-board weight distribution</li><li>• load security</li><li>• crossing obstacles</li><li>• avoiding hazards.</li></ul> |
| Safety features must include at least three of           | <ul style="list-style-type: none"><li>• roll-over protective structure</li><li>• seat belts</li></ul>                                                                                                                                 |

|                                                                                                  |                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| the following:                                                                                   | <ul style="list-style-type: none"><li>• side nets</li><li>• doors</li><li>• occupant hand holds</li><li>• tyre selection and inflation pressure.</li></ul> |
| Unload, load and secure side by side utility vehicle must include at least one of the following: | <ul style="list-style-type: none"><li>• trailer</li><li>• transportation device</li><li>• on site vehicle storage.</li></ul>                               |

## Unit Mapping Information

| Code and title current version                     | Code and title previous version                    | Comments                                                                               | Equivalence status |
|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|--------------------|
| AHCMOM216<br>Operate side by side utility vehicles | AHCMOM211<br>Operate side by side utility vehicles | Significant changes to performance criteria, foundation skills and range of conditions | No 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 AHCMOM216 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 the individual has safely operated a side by side utility vehicle on at least two riding surface conditions and on an even, uneven and sloping terrain 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 is fit for purpose according to operators manual
- selected, fitted and used other personal protective equipment that is required for the task
- maintained personal protective equipment in suitable condition for use
- unloaded the side by side utility vehicle safely and checked it is safe to use
- operated and manoeuvred side by side utility vehicles in different surface and terrain conditions including uneven and sloping 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
- parked the side by side utility vehicle safely and checked for any damage, malfunctions or faults
- 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

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
  - tyre selection and inflation pressure
  - side nets and doors
- operating principles and operating methods of side by side utility vehicles
- workplace safety plan for operating and maintaining side by side utility vehicles
- side by side utility vehicle operator's manual
- side by side utility vehicle driver skills, including higher level two foot pedal operation skills, for technical applications
- effects of different surfaces and terrain conditions on the operation of side by side utility vehicle
- 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
- 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 and consequences of substandard environmental and biosecurity practices
- 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
  - helmets must be worn whilst operating side by side utility vehicles according to operators manual
- resources, equipment and materials:
  - side by side utility vehicle
  - vehicle fuel

- side by side utility vehicle helmet as identified by operator manual
- enclosed toe shoes
- specifications:
  - side by side utility vehicle manufacturer specifications and operator manuals
  - industry and workplace biosecurity procedures applicable to side by side utility vehicle operation
- 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.

## Links

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