



Australian Government

AHCMOM212 Operate quad bikes

Release: 1

AHCMOM212 Operate quad bikes

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to operate and maintain quad bikes as well as load and unload them onto trailers or other vehicles used for their transport.

All work must be carried out to comply with workplace procedures, work health and safety requirements manufacturer's specifications and operator manuals and sustainability practices.

Working with quad bikes is an inherently dangerous activity. Individuals who work at this level must be thoroughly instructed in all work health and safety aspects of operating quad bikes.

This unit applies to individuals who work under general supervision and exercise limited autonomy with some accountability for own work. They undertake defined activities and provide solutions to a limited range of predictable problems.

No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

Pre-requisite Unit

Nil.

Unit Sector

Machinery operation and maintenance (MOM)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare a quad bike for operation	1.1 Confirm the activity to be undertaken with supervisor, including potential hazards and implementation of safe working procedures 1.2 Select, fit correctly, use and maintain personal protective

Element	Performance criteria
	equipment including helmets 1.3 Conduct safety pre operational checks on quad bike and report faults or malfunctions for repair 1.4 Identify safe work areas and applications (loads and attachments) from workplace safety plan and operators manual 1.5 Unload quad bike safely from the trailer or transportation device
2. Operate a quad bike	2.1 Recognise and control risks to self and others 2.2 Steer, manoeuvre, position and stop quad bike in a smooth and controlled manner 2.3 Apply hand-eye coordination and transfer of body weight appropriately (active riding) to maintain bike stability 2.4 Identify and avoid riding surfaces, terrains and slopes that are dangerous to safe operation 2.5 Identify environmental implications associated with machinery operation and minimise impact 2.6 Identify and account for biosecurity implications associated with machinery operation
3. Complete and check quad bike operation	3.1 Conduct shut-down procedures 3.2 Perform routine operational servicing and minor maintenance 3.3 Identify and report malfunctions, faults, irregular performance or damage 3.4 Clean, secure and store quad bike 3.5 Follow wash-down procedures in line with biosecurity guidelines where required 3.6 Maintain quad bike use records for servicing purposes 3.7 Load and secure quad bike safely

Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

No passengers, no riders under 16 years of age, no towing, helmets must be worn at all times.

Candidates must NOT be under the influence of any alcohol or drugs. Candidates must NOT be taking any medication (prescribed or otherwise) that may impair judgement.

Unit Mapping Information

This unit is equivalent to AHCMOM212A Operate quad bikes.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCMOM212 Operate quad bikes

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Performance Evidence

The candidate must be observed operating a quad bike using safe work procedures.

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- identify hazards and risks associated with quad bike use
- identify safe work areas
- select, fit correctly, use and maintain personal protective equipment including helmets
- operate quad bikes in a range of riding surface conditions and terrain conditions
- steer, manoeuvre, position and stop the quad bike in a smooth and controlled manner
- apply hand-eye coordination and correctly transfer body weight (active riding) to maintain bike stability including riding on uneven or steep terrain
- follow enterprise work health and safety procedures
- unload and load quad bike safely
- follow wash-down procedures in line with biosecurity guidelines

Knowledge Evidence

The candidate must demonstrate knowledge of:

- hazards and risks associated with quad bike use
- components, controls and features of quad bikes and their functions
- a range of quad bikes and functional applications
- operating principles and operating methods of quad bikes
- manufacturer's instructions, including but not exclusive to the operating manual
- load limits and the principles of weight distribution with regard to load shifting and bike movement including riding on uneven or steep terrain
- loading and unloading safely from a trailer or other transportation device
- effects of different riding surfaces and terrain conditions on the operation of quad bikes

Assessment Conditions

Competency is to be assessed in the workplace or simulated environment that accurately reflects performance in a real workplace setting. All evidence collected must meet minimum requirements including industry standard timeframes for performance of tasks.

Assessment must be conducted in a range of riding surface conditions and in a range of terrains appropriate for the safe use of quad bikes.

Assessors must satisfy current standards for RTOs.

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