



Australian Government

Assessment Requirements for AHCMOM217 Operate quad bikes

Release: 1

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Modification History

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

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 quad bike on at least two different riding surface conditions and on an even, uneven and sloping terrain and has:

- identified hazards and risks associated with quad bike areas of operation
- identified and avoided riding surfaces, terrains and slopes that are dangerous to safe operation of quad bikes
- identified and confirmed quad bike no go areas
- selected, fitted and used quad bike helmet and other personal protective equipment that was fit for purpose
- maintained personal protective equipment in suitable condition for use
- unloaded the quad bike safely and checked it is safe to use
- operated and manoeuvred quad bikes in different riding surface and terrain conditions including uneven and sloping terrain
- started, steered, manoeuvred, positioned and stopped a quad bike in a controlled manner
- applied quad bike active riding techniques to preposition operator body weight to assist bike stability
- parked the quad bike safely and checked for any damage, malfunctions and faults
- loaded and secured the quad bike safely
- minimised environmental impacts associated with quad bike 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 quad bike areas of operation including quad bike no go areas
- components, controls and features of quad bikes and their functions
- quad bike functional applications, including appropriate selection of machine for task

- workplace safety plan for operating and maintaining quad bikes
- quad bike operator's manual
- operating principles and operating methods of quad bikes
- circumstances when quad bike active riding techniques should be applied
- quad bike active riding techniques, including both when and when not to apply quad bike active riding techniques
- effects of different riding surfaces and terrain conditions on the operation of quad bikes
- load limits and attachments specific to quad bike capabilities and the effects to dynamic stability of the quad bike, 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 quad bike use
- environmental impacts associated with operating quad bikes 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
 - no passengers on single seat quad bikes
 - no riders under 16 years of age on adult sized quad bikes
 - no towing
 - helmets must be worn whilst operating quad bikes
 - 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:
 - quad bike
 - vehicle fuel
 - a suitable quad bike helmet
 - enclosed toe shoes

- specifications:
 - quad bike operation and maintenance manual
 - industry and workplace biosecurity procedures applicable to quad bike 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>