

Presentation Instructions

Who is this presentation for?

The trainer and learners.

What is in this Presentation?

- Course information that matches the Learner Guide content.
- Review questions and model answers.
- Slides contain summarised content, with full notes and information for the trainer, visible when the slide show is shown in "Presenter View" (see instructions on next slide).
- Use this presentation to support and reinforce the training information from the Learner Guide.

What do you need to do before you use it for the first time?

1. Rebrand the presentation.
2. Review the presentation as part of your validation process.

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Instructions for Viewing in Presenter View

NOTE: This view is only applicable when the computer is connected to a second screen or a data projector.

Once the second screen/projector is connected make sure that the "Use Presenter View" box is ticked.

This is found in the "SLIDE SHOW" tab as shown below.



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AHJEMOM217
OPERATE QUAD BIKES



TRAINING
PRESENTATION

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Training Presentation Sections

Click on a box to go to that section.



Section 1:
Prepare for Quad Bike Operation



Section 2:
Operate the Quad Bike



Section 3:
Complete Quad Bike Operation

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Section 1: Prepare for Quad Bike Operation



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1.1 Introduction

This course is based on the unit of competency **AHCMOM217 Operate Quad Bikes.**

You will learn about:

- ◆ Preparing a quad bike for operations.
- ◆ Operating a quad bike.
- ◆ Completing quad bike operations.
- ◆ Cleaning and maintaining a quad bike.



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- ◆ Cleaning and maintaining a quad bike.

1.1.1 Common Terms and Definitions

The following terms or acronyms relate to quad bike operations:

| | |
|---------------------|----------------------|
| Acronym/Term | Active Riding |
| | Biosecurity |
| | Corrugation |
| | Environment |
| | PPE |
| | Rollover |
| | Terrain |
| | Quad Bike |

The following terms or acronyms relate to quad bike operations:

Acronym/Term and Definition

Active Riding

Active riding describes good riding technique using hand-eye coordination and the appropriate transfer of body weight to maintain the stability of the quad bike.

Biosecurity

Procedures or measures designed to protect the public from harmful biological or biochemical substances.

Corrugation

The formation of ripples across the surface of gravel or dirt roads.

Environment

The surroundings or conditions in which a person, animal, or plant lives or operates.

PPE

Personal Protective Equipment.

Rollover

The overturning of a vehicle.

Terrain

A stretch of land.

Quad Bike

A four-wheeled motorbike that is often used for work on farms.

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1.2 What is a Quad Bike?

A quad bike is a four-wheeled motorised vehicle which rides on low-pressure tyres, with a seat that is straddled by the rider, steered using handlebars and controlled using a small thumb-operated throttle.



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1.2.1 Using a Quad Bike

A quad bike (or four-wheeled motorbike) is a popular and useful machine commonly used for work on farms. However, they do have serious safety risks.

Operators need to understand that a quad bike **is not**:

- ◆ An all-terrain vehicle.
- ◆ Suitable for carrying passengers.
- ◆ Suitable for all conditions.
- ◆ Suitable for highway use.



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- ◆ Suitable for highway use.

1.2.1 Using a Quad Bike

Quad bikes can be a cheaper and more agile alternative to a car and are typically used for tasks such as:

- ◆ Droving/mustering.
- ◆ Checking fences.
- ◆ Checking stock and crops.
- ◆ Checking wildlife and natural habitats.
- ◆ Checking water tanks and troughs.
- ◆ Weed control.
- ◆ Towing.
- ◆ Spraying.
- ◆ Transporting the operator.



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- ◆ Transporting the operator.

Continued...

1.2.1 Using a Quad Bike

- ◆ Transporting materials, including:
 - ◇ Fencing supplies.
 - ◇ Tools.
 - ◇ Machine parts.
 - ◇ Drenching products.
 - ◇ Fruit and vegetables.
 - ◇ Small animals.



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...Continued

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1.2.2 Basic Operations

There are various quad bike makes and models, each with different controls. Quad bikes can be two-wheel drive or four-wheel drive and may be manual or automatic transmission.

To change gears on a quad bike with manual transmission you will need to use the clutch, throttle, and shift lever, all at the same time. If you are on a hill, you may also need to use a brake at the same time.



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1.2.2 Basic Operations

Automatic transmissions change gears for you. These types of quad bikes can be simpler to operate as there are not as many controls to use. Some automatic transmission quad bikes may also have a lever for either hi or lo gearing:

- ◆ **High/Hi gear:** The quad can travel at a faster speed; however, it will not have as much power at lower speeds.
- ◆ **Low/Lo gear:** The amount of power at the lower speed is significantly increased, allowing you to tow or haul more. However the max speed is significantly reduced.

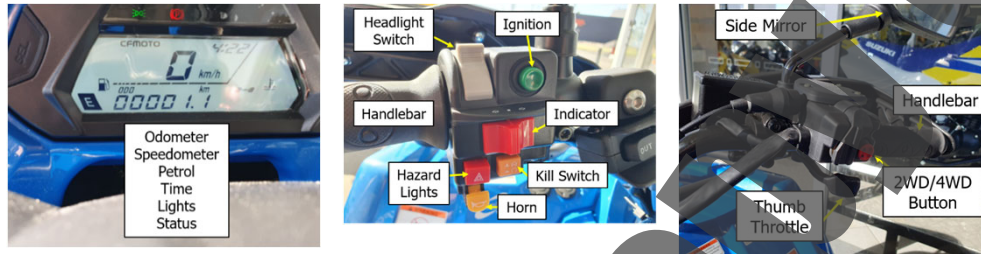


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The following diagrams are a basic guide to the controls and features of a quad bike. The operator's manual for your quad bike will have detailed diagrams relevant to your vehicle.



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See Diagrams.

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Section 1 Review Questions

1. What are four (4) examples of tasks a quad bike may be used to complete?



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Section 1 Review Questions

1. What are four (4) examples of tasks a quad bike may be used to complete?

Answer may include four (4) of the following:

- ◆ Droving/mustering.
- ◆ Checking fences.
- ◆ Checking stock and crops.
- ◆ Checking wildlife and natural habitats.
- ◆ Checking water tanks and troughs.
- ◆ Weed control.
- ◆ Towing.
- ◆ Spraying.

Continued...



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Section 1 Review Questions

1. What are four (4) examples of tasks a quad bike may be used to complete?

...Continued

- ◆ Transporting the operator.
- ◆ Transporting materials, including:
 - ◆ Fencing supplies.
 - ◆ Tools.
 - ◆ Machine parts.
 - ◆ Drenching products.
 - ◆ Fruit and vegetables.
 - ◆ Small animals.



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Section 1 Review Questions

2. What are three (3) controls or features you might find on a quad bike?



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Section 1 Review Questions



2. What are three (3) controls or features you might find on a quad bike?

Answer may include three (3) of the following:

- ◆ Odometer.
- ◆ Speedometer.
- ◆ Fuel level.
- ◆ Parking brake indicator.
- ◆ Temperature.
- ◆ Time.
- ◆ Headlights.
- ◆ Status.
- ◆ Headlight switch.

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Section 1 Review Questions

2. What are three (3) controls or features you might find on a quad bike?

...Continued

- ◆ Handlebar.
- ◆ Hazard lights.
- ◆ Ignition.
- ◆ Indicator.
- ◆ Kill switch.
- ◆ Horn.
- ◆ Side mirror.
- ◆ Thumb throttle.
- ◆ 2WD/4WD button.



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