



Australian Government

Department of Education, Employment and Workplace Relations

AHCMOM212A Operate quad bikes

Release: 1

AHCMOM212A Operate quad bikes

Modification History

Not Applicable

Unit Descriptor

Unit descriptor	This unit covers the process of maintaining and operating quad bikes (four wheeled), and defines the standard required to: perform routine pre-operational checks and maintenance; match, attach and operate equipment as described in the manufacturer's operators manual; recognise and control hazards and risks; safely operate quad bikes in a range of weather and terrain conditions; monitor and maintain vehicle records.
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Application of the Unit

Application of the unit	This unit applies to workers in agriculture, horticulture and conservation and land management sectors who use quad bikes as part of daily work routines within legislative requirements and enterprise guidelines.
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Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Prerequisite units		

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Not Applicable

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA

ELEMENT	PERFORMANCE CRITERIA
1. Prepare a quad bike for operation	1.1. Occupational Health and Safety (OHS) hazards are identified and safety concerns reported to the supervisor. 1.2. Routine checks and maintenance of quad bike is conducted prior to use according to manufacturer's specifications and enterprise requirements. 1.3. Attached equipment suitable for quad bikes is fitted according to manufacturer's specifications. 1.4. Attached equipment is selected appropriate to work requirements, checked for safety, and set for operation. 1.5. Quad bike and equipment faults or malfunctions are identified and reported for repair according to enterprise requirements. 1.6. Areas and applications excluded to quad bikes are identified on the farm safety plan. 1.7. Appropriate licenses for operation of vehicles are obtained where required. 1.8. Unload quad bike safely.
2. Operate a quad bike	2.1. Risks to self, others and the environment are recognised and controlled according to legislative and enterprise requirements. 2.2. Suitable personal protective equipment is selected, used and maintained according to legislative and enterprise requirements. 2.3. Legislation and enterprise policies are complied with in regards to carrying passengers only bikes specifically equipped for passengers may be used. 2.4. Hazards are identified, anticipated and controlled through the application of safe riding techniques. 2.5. Farm quad bikes are operated in a safe and controlled manner and monitored for performance and efficiency. 2.6. Environmental implications associated with quad bike operation are recognised and positive enterprise environmental procedures applied where relevant.
3. Complete and check quad bike operation	3.1. Shut-down procedures are conducted according to manufacturer's specifications and enterprise requirements. 3.2. Malfunctions, faults, irregular performance or damage to ride-on vehicle is detailed and reported according to enterprise requirements.

ELEMENT	PERFORMANCE CRITERIA
	3.3. Quad bikes are cleaned, secured and stored according to enterprise requirements. 3.4. Quad bike operational reports are maintained to industry standards according to enterprise requirements. 3.5. Load and secure quad bike safely.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

- identify hazards and implement safe operating procedures
- steer, manoeuvre and position quad bikes in a smooth and controlled manner
- apply hand-eye co-ordination and correctly transfer body weight to maintain bike stability
- safely operate quad bikes in a range of weather and terrain conditions
- match and attach equipment to quad bikes according to manufacturer's specifications, legislative requirements, work requirements and enterprise safety policy
- demonstrate safe and environmentally responsible workplace practices
- read and comprehend manufacturer's specifications, work and maintenance plans, and Material Safety Data Sheets (MSDSs)
- effectively communicate faults and hazards, interpret and apply task instructions, report and maintain operational records
- use literacy skills to follow sequenced written instructions and record information accurately and legibly
- use oral communication skills/language competence to fulfil the job role as specified by the organisation including questioning, active listening, asking for clarification and seeking advice from supervisor
- use numeracy skills to estimate, calculate and record routine workplace measures
- use interpersonal skills to relate to people from a range of social, cultural and ethnic backgrounds and with a range of physical and mental abilities.

Required knowledge

- hazards and risks associated with quad bike use
- components, controls and features of quad bikes and their functions
- range of quad bikes and attached equipment and functional applications

REQUIRED SKILLS AND KNOWLEDGE

- operating principles and operating methods
- load limits and the principles of weight distribution with regard to load shifting and bike movement
- effects of adverse weather and terrain conditions on the operation of quad bikes
- licensing requirements
- OHS legislative requirements, codes of practice and enterprise procedures
- codes of practice with regard to the use and control of hazardous substances
- environmental codes of practice for machinery operation.
- Safe Operating Procedures (SOPs)
- record keeping requirements.

Evidence Guide

EVIDENCE GUIDE	
The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.	
Overview of assessment	
Critical aspects for assessment and evidence required to demonstrate competency in this unit	The evidence required to demonstrate competency in this unit must be relevant to workplace operations and satisfy holistically all of the requirements of the performance criteria and required skills and knowledge and include achievement of the following: • perform routine pre-operational checks and maintenance • attach and operate equipment • recognise and control hazards and risks • safely operate quad bikes vehicles in a range of weather and terrain conditions • match and attach equipment appropriate to work requirements • monitor and maintain vehicle records.
Context of and specific resources for assessment	Competency requires the application of work practices under work conditions. Selection and use of resources for some worksites may differ due to the regional or enterprise circumstances.

Range Statement

RANGE STATEMENT	
The range statement relates to the unit of competency as a whole.	
Quad bikes may include:	• the use of quad bikes (4 wheel motor bikes) in a range of off road situations including agriculture, horticulture conservation and land management and recreational situations.
Quad bikes exclude:	• two wheel motor bikes • side by side utility vehicles.

Unit Sector(s)

Unit sector	Machinery operation and maintenance
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Co-requisite units

Co-requisite units		

Competency field

Competency field	
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