



Australian Government

Department of Education, Employment and Workplace Relations

AHCMOM502A Implement a machinery management system

Release: 1

AHCMOM502A Implement a machinery management system

Modification History

Not Applicable

Unit Descriptor

Unit descriptor	This unit covers the implementation of a machinery management system and defines the standard required to: identify machinery and equipment requirements for the property; source machinery services provided by external suppliers where required; manage machinery and equipment maintenance; manage machinery and equipment operation.
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Application of the Unit

Application of the unit	This unit applies to those whose job role includes establishing a system for the management of machinery.
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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

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1. Identify machinery and equipment requirements for the property	1.1. Machinery and equipment requirements are identified for the enterprises being conducted. 1.2. Alternative options to machinery ownership are evaluated for applicability. 1.3. Storage and housing requirements for machinery and equipment are identified and addressed. 1.4. Machinery innovations are monitored and assessed for applicability. 1.5. Inventory of machinery and equipment is maintained as required by the enterprise.
2. Select and manage the range of machinery services provided by off-farm suppliers	2.1. Services to be provided by off-property suppliers are identified. 2.2. Criteria to select and monitor the provision of services are developed. 2.3. Agreements and transactions are appropriately recorded and monitored.
3. Manage machinery maintenance	3.1. Maintenance requirements of machinery and equipment are determined from manufacturer's instructions, and maintenance schedules are established. 3.2. Systems for recording machinery use and maintenance are established. 3.3. Machinery maintenance is monitored to ensure adherence to schedules and manufacturers instructions.
4. Manage machinery and equipment operation	4.1. Machinery and equipment use is monitored and recorded according to enterprise requirements. 4.2. Machinery operation is monitored to ensure compliance with manufacturers instructions. 4.3. Procedures for the safe operation of machinery are determined and adherence to safe procedures is monitored and ensured. 4.4. Staff are trained in the safe operation of machinery and the required procedures for the maintenance of machinery.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

REQUIRED SKILLS AND KNOWLEDGE

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

Required skills

- identify hazards and manage safe systems of work
- identify machinery and equipment requirements for the property or enterprise
- select and manage the range of machinery services provided by off-farm suppliers
- manage machinery maintenance
- manage machinery and equipment operation
- use literacy skills to fulfil job roles as required by the organisation. The level of skill may range from reading and understanding documentation to completion of written reports
- use oral communication skills/language competence to fulfil the job role as specified by the organisation including questioning, active listening, asking for clarification, negotiating solutions and responding to a range of views
- use numeracy skills to estimate, calculate and record complex workplace measures
- use interpersonal skills to work with others and relate to people from a range of cultural, social and religious backgrounds and with a range of physical and mental abilities.

Required knowledge

- cultural operations and their associated machinery requirements
- costs associated with the use of machinery
- maintenance requirements of machinery and equipment
- storage and housing requirements of machinery
- negotiation and the development of agreements
- safe operating procedures for machinery
- systems for monitoring machinery maintenance and operation
- licensing requirements for the operation of machinery
- Occupational Health and Safety (OHS) and environmental legislation, codes of practice and enterprise requirements
- staff training.

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	<p>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:</p> <ul style="list-style-type: none"> • identify machinery and equipment requirements for the property • source machinery services provided by external suppliers where required • manage machinery and equipment maintenance • manage machinery and equipment operation.
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.	
Machinery and equipment will include:	<ul style="list-style-type: none"> • all vehicles and attachments • stationary and mobile plant used by the enterprise.

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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