



Australian Government

AHCMOM502 Implement a machinery management system

Release: 2

AHCMOM502 Implement a machinery management system

Modification History

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 3.0.
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0.

Application

This unit of competency describes the skills and knowledge required to coordinate and manage services, maintenance and operational requirements of machinery and equipment to implement a machinery management system for an enterprise.

This unit applies to individuals who apply specialised skills and knowledge to implementing a machinery management system, who take personal responsibility and exercise autonomy in undertaking complex work. They analyse and synthesise information and analyse, design and communicate solutions to sometimes complex problems.

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

Pre-requisite Unit

Nil

Unit Sector

Machinery operation and maintenance (MOM)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Establish machinery and equipment requirements	1.1 Identify machinery and equipment requirements of the workplace 1.2 Evaluate applicability of alternative options to machinery ownership

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.3 Identify and address storage and housing requirements for machinery and equipment 1.4 Monitor and assess machinery innovations for applicability to workplace requirements, safety and functions 1.5 Maintain inventory of machinery and equipment according to workplace procedures
2. Select and manage machinery services provided by off-property suppliers	2.1 Identify services to be provided by off-property suppliers 2.2 Develop criteria to select and monitor the provision of services according to workplace safety, operational and financial requirements 2.3 Record and monitor agreements and transactions related to service provision for machinery operating requirements
3. Manage machinery maintenance	3.1 Determine machinery and equipment maintenance requirements from operation and maintenance manuals and manufacturer specifications 3.2 Establish maintenance schedules and systems for recording machinery use and maintenance 3.3 Monitor machinery maintenance to ensure adherence to schedules, operation and maintenance manuals, and manufacturer instructions
4. Manage machinery and equipment operation	4.1 Monitor and record machinery and equipment use according to workplace procedures 4.2 Monitor machinery operation to ensure compliance with manufacturer instructions 4.3 Determine procedures for operation of machinery and monitor to ensure adherence to safe procedures 4.4 Develop and implement staff training program in the safe operation of machinery and procedures for machinery maintenance

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
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Skill	Description
Reading	- Identify and interpret information regarding maintenance requirements for machinery and equipment - Interpret information related to management of machinery and equipment
Writing	Develop documentation to record machinery purchase, maintenance and replacement plans
Oral communication	- Initiate discussions with staff, contractors and suppliers, using clear language to communicate machinery management system, machinery and equipment maintenance schedules and workplace procedures - Use clear communications with management to discuss machinery purchase, running costs, servicing costs and budget
Numeracy	- Compare costs of services provided by off-property suppliers - Apply comparative analysis of machinery purchase and running costs
Navigate the world of work	- Identify and describe own workplace requirements associated with own role and area of responsibility - Monitor self and others adherence to workplace requirements including safety requirements
Interact with others	Use appropriate language and communication skills to disseminate information within work team

Range of Conditions

This section specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Machinery and equipment must include:	- vehicles and attachments - stationary and mobile plant used in the workplace.
Services must include:	- machinery repair - machinery overhaul - parts supply.

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCMOM502 Implement a machinery management system Release 2	AHCMOM502 Implement a machinery management system Release 1	Minor changes to performance criteria and foundation skills	Equivalent unit

Links

Companion Volumes, including Implementation Guides are available at VETNet -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCMOM502 Implement a machinery management system

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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 established and managed a machinery management system for an enterprise and has demonstrated the following on at least one occasion:

- identified machinery and equipment requirements for a workplace
- identified potential workplace hazards and implemented safe working systems for machinery and equipment operation
- sourced, selected and managed machinery services provided by off-property suppliers
- managed machinery and equipment operation for a workplace
- managed machinery maintenance schedules for a workplace
- documented procedures for machinery and equipment operation and maintenance used in the workplace
- communicated effectively with staff
- identified staff training requirements for the safe operation of machinery and maintenance procedures
- developed and implemented training plans related to operation and maintenance of machinery in the workplace.

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:

- total costs associated with the use of machinery
- maintenance requirements of machinery and equipment
- storage and housing requirements for machinery
- safe operating procedures for machinery
- systems for monitoring machinery maintenance and operation

- licensing requirements for the operation of machinery
- workplace procedures applicable to health and safety in the workplace and environmental legislation and machinery management systems
- principles of staff learning, development and training.

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
- resources, equipment and materials:
 - machinery and equipment maintenance schedules
 - machinery and equipment budgets
- specifications:
 - machinery and equipment operation and maintenance manual and manufacturer specifications
 - workplace procedures and health and safety in the workplace procedures, legislation and regulation applicable to machinery and equipment management
 - licensing and legislation applicable to machinery operation
 - environmental legislation applicable to maintenance of machinery and equipment, disposal of waste and hazardous substances
- 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.

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