



Australian Government

AHCMOM301 Coordinate machinery and equipment maintenance and repair

Release: 2

AHCMOM301 Coordinate machinery and equipment maintenance and repair

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 the maintenance and repair of machinery and equipment used principally in agriculture, horticulture, and conservation and land management work.

The unit applies to individuals who coordinate machinery and equipment maintenance and repair under broad direction, and take responsibility for their own work.

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. Prepare for maintenance and repair work	1.1 Clarify requirements of the work responsibilities with the supervisor 1.2 Identify equipment and material resource requirements according to the scope of the coordination work and supervisor instructions

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, document and present the priorities for maintenance and repair activities and time allocation to the supervisor for verification 1.4 Identify the environmental implications of the proposed maintenance and repair work and assess and report potential impacts to the supervisor 1.5 Identify workplace hazards, assess risks and implement risk controls 1.6 Select, fit, use and maintain personal protective equipment according to job requirements and task to be undertaken
2. Coordinate maintenance and repair of machinery and equipment	2.1 Purchase, store and use materials to assist in maintenance and repair work 2.2 Organise delivery of materials to the site according to maintenance requirements 2.3 Organise machinery and equipment required for maintenance and repair to be on site and in good order when they are required 2.4 Identify and organise routine maintenance and repairs of machinery and equipment and facilitate repairs that require specialist attention
3. Coordinate and report on maintenance and repair activities	3.1 Coordinate staff and resources to suit the maintenance and repair activities and priority of work 3.2 Inform operators of their responsibilities in respect to operational maintenance requirements of machinery and equipment 3.3 Monitor personnel and document activities, timelines and materials usage 3.4 Recognise and report contingency situations to the supervisor and adjust schedules accordingly 3.5 Document and report maintenance and repair activities undertaken and completed to relevant personnel

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	Interpret textual information from a range of sources to identify relevant and key information about workplace operations
Writing	Legibly and accurately fill out workplace documentation when recording activities, timelines and materials usage
Oral communication	Use clear language to report service or repair requirements
Numeracy	- Calculate quantities of material and resource requirements, including; fuels, oils, cleaning agents, solvents and chemicals - Calculate maintenance and repair time allocation
Navigate the world of work	Recognise and follow workplace requirements, including safety requirements, associated with own role and area of responsibility

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.

Material resource requirements must include at least two of the following:	- tools - fuel - oil - cleaning agents - solvents - chemicals.
Personal protective clothing and equipment must include:	- enclosed toe shoes - safety glasses/goggles.
Contingency situations must include at least one of the following:	- delays in delivery of equipment or machinery - machinery or equipment breakdowns - poor weather conditions - poor quality materials - unforeseen problems.

Unit Mapping Information

Code and title	Code and title	Comments	Equivalence status
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current version	previous version		
AHCMOM301 Coordinate machinery and equipment maintenance and repair Release 2	AHCMOM301 Coordinate machinery and equipment maintenance and repair Release 1	Minor changes to performance criteria and range of conditions	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 AHCMOM301 Coordinate machinery and equipment maintenance and repair

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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 coordinated maintenance and repair of machinery and equipment for a small enterprise and has:

- identified workplace hazards, assessed risks and implemented safe workplace procedures
- interpreted documentation associated with work site activities
- sought specialist advice on repairs requiring specialist attention
- established priorities for repair and maintenance work to be carried out
- co-ordinated staff and resources to achieve work priorities
- minimised environmental impacts of machinery and equipment maintenance and repair activities
- responded to contingencies and taken corrective actions where necessary
- documented activities, timelines and material usage
- applied workplace health and safety procedures when organising and conducting maintenance and repair activities.

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:

- work schedule programming
- possible causes of disruption to work activities and their effect on quality and time schedules
- responsibilities and requirements for maintaining and repairing machinery and equipment
- range, use and availability of materials, equipment and machinery required for the project
- environmental impacts of machinery and equipment maintenance and repair work and disposal of fuels, oils and other wastes

- workplace procedures applicable to health and safety in the workplace, and machinery and equipment maintenance and repair.

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 tools and equipment
 - material resources
 - safety equipment and personal protective equipment applicable to the task being undertaken
- specifications:
 - machinery operation and maintenance manual
 - workplace procedures applicable to health and safety in the workplace and machinery maintenance
- 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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