



**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<br>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>                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                 | <p>1.3 Identify, document and present the priorities for maintenance and repair activities and time allocation to the supervisor for verification</p> <p>1.4 Identify the environmental implications of the proposed maintenance and repair work and assess and report potential impacts to the supervisor</p> <p>1.5 Identify workplace hazards, assess risks and implement risk controls</p> <p>1.6 Select, fit, use and maintain personal protective equipment according to job requirements and task to be undertaken</p>                                  |
| 2. Coordinate maintenance and repair of machinery and equipment | <p>2.1 Purchase, store and use materials to assist in maintenance and repair work</p> <p>2.2 Organise delivery of materials to the site according to maintenance requirements</p> <p>2.3 Organise machinery and equipment required for maintenance and repair to be on site and in good order when they are required</p> <p>2.4 Identify and organise routine maintenance and repairs of machinery and equipment and facilitate repairs that require specialist attention</p>                                                                                  |
| 3. Coordinate and report on maintenance and repair activities   | <p>3.1 Coordinate staff and resources to suit the maintenance and repair activities and priority of work</p> <p>3.2 Inform operators of their responsibilities in respect to operational maintenance requirements of machinery and equipment</p> <p>3.3 Monitor personnel and document activities, timelines and materials usage</p> <p>3.4 Recognise and report contingency situations to the supervisor and adjust schedules accordingly</p> <p>3.5 Document and report maintenance and repair activities undertaken and completed to relevant personnel</p> |

## 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 |
|-------|-------------|
|-------|-------------|

| Skill                      | Description                                                                                                                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reading                    | <ul style="list-style-type: none"> <li>Interpret textual information from a range of sources to identify relevant and key information about workplace operations</li> </ul>                                                             |
| Writing                    | <ul style="list-style-type: none"> <li>Legibly and accurately fill out workplace documentation when recording activities, timelines and materials usage</li> </ul>                                                                      |
| Oral communication         | <ul style="list-style-type: none"> <li>Use clear language to report service or repair requirements</li> </ul>                                                                                                                           |
| Numeracy                   | <ul style="list-style-type: none"> <li>Calculate quantities of material and resource requirements, including; fuels, oils, cleaning agents, solvents and chemicals</li> <li>Calculate maintenance and repair time allocation</li> </ul> |
| Navigate the world of work | <ul style="list-style-type: none"> <li>Recognise and follow workplace requirements, including safety requirements, associated with own role and area of responsibility</li> </ul>                                                       |

## 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: | <ul style="list-style-type: none"> <li>tools</li> <li>fuel</li> <li>oil</li> <li>cleaning agents</li> <li>solvents</li> <li>chemicals.</li> </ul>                                                                                        |
| Personal protective clothing and equipment must include:                   | <ul style="list-style-type: none"> <li>enclosed toe shoes</li> <li>safety glasses/goggles.</li> </ul>                                                                                                                                    |
| Contingency situations must include at least one of the following:         | <ul style="list-style-type: none"> <li>delays in delivery of equipment or machinery</li> <li>machinery or equipment breakdowns</li> <li>poor weather conditions</li> <li>poor quality materials</li> <li>unforeseen problems.</li> </ul> |

## Unit Mapping Information

| Code and title | Code and title | Comments | Equivalence status |
|----------------|----------------|----------|--------------------|
|----------------|----------------|----------|--------------------|

| current version                                                                                 | previous version                                                                                |                                                                     |                 |
|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------------|
| AHCMOM301<br>Coordinate<br>machinery and<br>equipment<br>maintenance and<br>repair<br>Release 2 | AHCMOM301<br>Coordinate<br>machinery and<br>equipment<br>maintenance and<br>repair<br>Release 1 | Minor changes to<br>performance criteria<br>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>