Modification history

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| Release | Comments |
| Release 2 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 2.0. |
| Release 1 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0 and meets the Standards for Training Packages 2012. |

| AHCMOM502 | Implement a machinery management system |
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| 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. |
| Prerequisite Unit | Nil. |
| Unit Sector | Machinery operation and maintenance (MOM) |

| Elements | Performance Criteria |
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| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1.Identify machinery and equipment requirements for the enterprise | 1.1 Identify machinery and equipment requirements of the workplace  1.2 Evaluate applicability of alternative options to machinery ownership  1.3 Identify and address storage and housing requirements for machinery and equipment  1.4 Monitor and assess machinery innovations for applicability  1.5 Maintain inventory of machinery and equipment according to workplace procedures |
| 2.Select and manage the range of machinery services provided by off-farm suppliers | 2.1 Identify services to be provided by off property suppliers  2.2 Develop criteria to select and monitor the provision of services  2.3 Record and monitor agreements and transactions |
| 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 the safe operation of machinery and monitor to ensure adherence to safe procedures  4.4 Train staff in machinery safe operation and procedures for the maintenance of machinery |

| 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. | |
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| Skill | Description |
| Reading | * Identify, read and interpret information regarding maintenance requirements for machinery and equipment * Read and interpret information related to management of machinery and equipment |
| Writing | * Development of machinery maintenance, purchasing 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 | * Apply comparative analysis of machinery purchase and running costs |
| Navigate the world of work | * Identify and describe own workplace requirements, including safety 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 * Provide staff training |

| 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. | |
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| Machinery and equipment must include: | * vehicles and attachments * stationary and mobile plant used in the workplace. |
| Services must include at least one of the following: | * repair * overhaul * machinery operation * parts supply. |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCMOM502 Implement a machinery management system | AHCMOM502A Implement a machinery management system | This unit is equivalent to AHCMOM502A Implement a machinery management system. Minor changes to performance criteria and foundation skills. | Equivalent |

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

| TITLE | 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, on at least one occasion, the individual has established and managed a machinery management system and has:   * identified potential workplace hazards and managed safe systems of work * identified machinery and equipment requirements for the workplace * selected and managed the range of machinery services provided by off property suppliers * managed machinery and equipment operation * managed machinery maintenance * provided staff training in machinery safe operation and maintenance procedures. | |

| Knowledge Evidence |
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| 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:   * costs associated with the use of machinery * maintenance requirements of machinery and equipment * storage and housing requirements of machinery * safe operating procedures for machinery * systems for monitoring machinery maintenance and operation * licensing requirements for the operation of machinery * workplace procedures applicable to work health and safety and environmental legislation and machinery management systems * principles of staff training. |

| Assessment Conditions |
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| 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 workplace health and safety 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 * relationships: * team members and supervisors * 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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