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. |

| AHCMOM208 | Conduct excavator operations |
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| Application | This unit of competency describes the skills and knowledge required to undertake pre-start checks, carry out and shut down excavator operations in an agricultural environment.  The unit applies to individuals who apply operating principles to conducting excavator operations to undertake routine work under general supervision with limited autonomy and accountability.  Vehicle must be operated according to relevant state/territory licensing authority vehicle licence requirements and regulations.  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.Prepare for operations | 1.1 Confirm with supervisor activity to be undertaken, including identifying potential hazards and risks and implementation of safe working procedures  1.2 Read relevant excavator operation and maintenance manual and observe manufacturer instructions  1.3 Select, correctly fit, use and maintain personal protective equipment  1.4 Assess the work site and confirm the suitability of the machinery for the task  1.5 Conduct excavator routine pre-operational checks  1.6 Observe safety rules and regulations, including site rules and legislation and site specific instructions |
| 2.Operate an excavator | 2.1 Carry out pre-start, and start up procedures  2.2 Drive and operate excavator, and modify the operating technique to meet changing work conditions  2.3 Continually monitor hazards and risks, and ensure safety of self, other personnel, plant and equipment  2.4 Complete work according to the agreed plan and within the operating capacity of the equipment and operator |
| 3.Complete excavator operation | 3.1 Park excavator and conduct shut down procedures  3.2 Perform routine operational servicing and minor maintenance according to excavator operation and maintenance manual  3.3 Identify and report malfunctions, faults, irregular performance or damage to supervisor  3.4 Clean, secure and store excavator  3.5 Remove and store keys  3.5 Identify environmental and biosecurity implications associated with excavator operation and minimise impact  3.6 Maintain excavator use records |

| 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 | * Interpret textual information from a range of sources to identify relevant and key information about workplace operations |
| Writing | * Document excavator use |
| Oral communication | * Use clear language to report malfunctions, faults, irregular performance or damage * Participate in verbal exchanges to respond to questions and clarify information |
| Numeracy | * Calculate quantities of vehicle fluids including fuel * Identify correct tyre pressure or track tension |
| 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. | |
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| Personal protective equipment must include: | * safety equipment and personal protective clothing and equipment applicable to the task being undertaken. |
| Pre-operational checks must include: | * maintenance interval schedule daily check * machine damage and serviceability * checking for missing parts * fluid leaks and levels * fuel level * brakes and clutch operation * condition of tyres or tracks * machine controls. |
| Biosecurity implications must include: | * Control of cross site contamination. |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCMOM208 Conduct excavator operations | AHCMOM208A Conduct excavator operations | This unit is equivalent to AHCMOM208A Conduct excavator operations. Minor changes to performance criteria, foundation skills and range of conditions. | 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 AHCMOM208 Conduct excavator operations |
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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:   * identified hazards and implemented safe operating procedures * carried out excavator pre-operational checks * driven and operated an excavator safely including modifying operating technique to meet changing work conditions * operated excavator features and attachments consistent with operation and maintenance manual and manufacturer specifications * carried out excavator shut down procedures * minimised environmental impacts associated with excavator operation * followed work health and safety procedures * followed industry and workplace biosecurity 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:   * hazards and risks associated with excavator loader operations * excavator and site safety requirements * excavator components, controls, features, technical capabilities and limitations * excavator operation and maintenance manual * duty of care to self, others and the environment * relevant legislation with regard to excavator operation and licensing requirements * environmental impacts relevant to the operation of excavators * workplace procedures applicable to work health and safety requirements to operate an excavator safely * industry and workplace biosecurity procedures. |

| 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 * in a range of surface conditions and on a range of different terrains * individual must not be under the influence of alcohol or drugs * individual must not be taking any medication (prescribed or otherwise) that may impair judgement * individual must not be in a fatigued state when operating the machinery * resources, equipment and materials: * excavators * safety equipment and personal protective clothing and equipment applicable to the task being undertaken * specifications: * excavator operation and maintenance manuals * industry and workplace biosecurity procedures applicable to excavator operation * legislation relevant to excavator operation and licensing requirements * relationships: * 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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