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. |

| AHCMOM214 | Operate cane haulage vehicle |
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| Application | This unit of competency describes the skills and knowledge required to prepare for, carry out and complete cane haulage vehicle operations in the sugar cane production industry.  The unit applies to individuals who apply operating principles to the operation of cane haulage vehicles 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 cane haulage vehicle | 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 cane haulage vehicle operation and maintenance manual and observe manufacturer instructions  1.3 Select, correctly fit, use and maintain personal protective clothing and equipment  1.4 Conduct cane haulage vehicle routine pre-operational checks  1.5 Conduct cabin drill according to workplace procedures |
| 2.Carry out cane haulage operations | 2.1 Carry out pre-start, and start up procedures  2.2 Drive and operate cane haulage vehicle, and modify the operating technique to meet changing work conditions  2.3 Select, haul and deliver cane using correct pushing or towing practices according to operation and maintenance manual and within equipment capabilities  2.4 Continually monitor hazards and risks, and ensure safety of self, other personnel, plant and equipment  2.5 Complete work according to the agreed plan and within the operating capacity of the equipment and operator |
| 3.Complete cane haulage vehicle operation | 3.1 Park cane haulage vehicle and conduct shut down procedures  3.2 Identify and report malfunctions, faults, irregular performance or damage to supervisor  3.3 Clean, secure and store cane haulage vehicle  3.4 Remove and store keys  3.5 Identify environmental and biosecurity implications associated with cane haulage vehicle operation and undertake actions to minimise impact  3.6 Maintain cane haulage vehicle 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 cane haulage vehicle 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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| Cane haulage vehicle must include at least one of the following: | * trucks * infield transporters * tractor-trailer combinations * other cane transporters. |
| Personal protective clothing and 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 |
| AHCMOM214 Operate cane haulage vehicle | AHCBAC205A Operate cane haulage vehicle | This unit is equivalent to AHCBAC205A Operate cane haulage vehicle. 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 AHCMOM214 Operate cane haulage vehicle |
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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 * operated a variety of pushing and towing cane haulage vehicles * carried out cane haulage vehicle pre-operational checks * checked haulage equipment prior to use * driven and operated a cane haulage vehicle safely including modifying operating technique to meet changing work conditions * operated cane haulage vehicle features and attachments consistent with operation and maintenance manual and manufacturer specifications * used safe pushing and towing practices to haul cane safely and efficiently * carried out cane haulage vehicle shut down procedures * minimised environmental impacts associated with cane haulage vehicle 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 cane haulage vehicle operations * cane haulage vehicle and site safety requirements * cane haulage vehicle components, controls, features, technical capabilities and limitations * operating principles and operating methods for cane haulage vehicles * principles of weight distribution with regard to load shifting and vehicle movement * risks associated with the operation of cane haulage vehicles in different weather and difficult terrain conditions * cane haulage processes and spillage minimisation techniques * cane harvesting processes as they relate to collection and haulage of harvests * duty of care to self, others and the environment including environmental impacts relevant to the operation of cane haulage vehicles * relevant legislation with regard to cane haulage vehicle operation and licensing requirements * environmental impacts associated with operating a cane haulage vehicle * workplace procedures applicable to work health and safety requirements to operate a cane haulage vehicle 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 weather and 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: * cane haulage vehicles * cane * safety equipment and personal protective clothing and equipment applicable to the task being undertaken * specifications: * cane haulage vehicle operation and maintenance manuals * industry and workplace biosecurity procedures applicable to cane haulage vehicle operation * legislation relevant to cane haulage vehicle 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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