



Australian Government

AHCMOM214 Operate cane haulage vehicle

Release: 2

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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 prepare for, carry out and complete cane haulage vehicle operations in the sugar cane production industry.

The unit applies to individuals who operate 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.

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 cane haulage vehicle	1.1 Confirm with supervisor activity to be undertaken, including identifying potential hazards and risks and implementing safe working practices to manage risks 1.2 Source and interpret relevant cane haulage vehicle operation and

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	maintenance manual and manufacturer instructions 1.3 Select and maintain personal protective equipment according to health and safety in the workplace requirements 1.4 Fit and use personal protective equipment according to job requirements and task to be undertaken 1.5 Conduct cane haulage vehicle routine pre-operational checks 1.6 Conduct cabin drill according to workplace procedures
2. Carry out cane haulage operations	2.1 Carry out pre-start, and start up procedures required for vehicle operation 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 Identify environmental and biosecurity implications associated with cane haulage vehicle operation and undertake actions to minimise impact 2.6 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 Maintain cane haulage vehicle use records in required format

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
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.

Cane haulage vehicle must include at least one of the following:	- trucks - infield transporters - tractor-trailer combinations - other cane transporter.
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.

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCMOM214 Operate cane haulage vehicle Release 2	AHCMOM214 Operate cane haulage vehicle Release 1	Minor changes to performance criteria, foundation skills and range of conditions	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

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 the individual has operated a cane haulage vehicle to haul a load of cane safely and efficiently at least once and has demonstrated the following:

- identified hazards and risks associated with cane haulage vehicle operation implemented safe work practices
- 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 workplace health and safety procedures
- followed industry and workplace biosecurity procedures.

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:

- hazards and risks associated with cane haulage vehicle operations
- site safety requirements for cane haulage operations
- cane haulage vehicle components, controls, features, technical capabilities and limitations
- operating methods of cane haulage vehicles including pushing and towing

- 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 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 health and safety in the workplace requirements to operate a cane haulage vehicle safely
- industry and workplace biosecurity procedures.

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
 - 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 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
- 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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