



**Australian Government**

# **AHCMOM307 Operate a cane harvester**

**Release: 2**

# AHCMOM307 Operate a cane harvester

## 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, operate and complete cane harvester operations in the sugar cane production industry.

The unit applies to individuals who operate cane harvesters under broad direction, and take responsibility for their own work.

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 harvesting equipment for use     | 1.1 Confirm work activity to be undertaken, including identifying potential hazards and risks implementing safe working practices to manage risks<br>1.2 Source and interpret relevant cane harvester operation and |

| <b>Elements</b>                                  | <b>Performance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i> | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                  | <p>maintenance manual and manufacturer instructions</p> <p>1.3 Select and maintain personal protective equipment according to workplace safety requirements</p> <p>1.4 Fit and use personal protective equipment according to job requirements and applicable to task to be undertaken</p> <p>1.5 Conduct cane harvester routine pre-operational checks</p> <p>1.6 Document damaged or worn components and organise for replacement according to workplace procedures</p> <p>1.7 Conduct cabin drill according to workplace procedures</p> <p>1.8 Locate and select crop class, variety and field for harvest</p>                                                                            |
| 2. Carry out cane harvesting                     | <p>2.1 Carry out pre-start, and start up procedures</p> <p>2.2 Set and operate cane harvester in a safe, controlled and correct manner and monitor for performance and efficiency</p> <p>2.3 Operate cane harvester in co-ordination with cane haulage vehicles and other associated harvesting equipment</p> <p>2.4 Harvest cane in a productive, safe and controlled manner and consign according to workplace procedures</p> <p>2.5 Identify environmental and biosecurity implications associated with cane harvesting and undertake activities to minimise impact</p> <p>2.6 Continually monitor hazards and risks, and ensure safety of self, other personnel, plant and equipment</p> |
| 3. Complete cane harvesting operations           | <p>3.1 Park cane harvester and conduct shut down procedures according to workplace practices</p> <p>3.2 Perform routine operational servicing and minor maintenance</p> <p>3.3 Identify and report malfunctions, faults, irregular performance or damage according to workplace procedures</p> <p>3.4 Clean and sterilise cane harvester to prevent cross-site contamination</p> <p>3.5 Store and secure cane harvester</p> <p>3.6 Remove and store keys in the required location</p> <p>3.7 Maintain cane harvester use records in required format</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                                                                                                                                                                     |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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>Document cane harvester use</li></ul>                                                                                                     |
| Oral communication         | <ul style="list-style-type: none"><li>Use clear language to report malfunctions, faults, irregular performance or damage</li></ul>                                              |
| Numeracy                   | <ul style="list-style-type: none"><li>Calculate quantities of vehicle fluids including fuel</li><li>Identify correct tyre pressure or track tension</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.*

|                                                            |                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cane harvester must include at least one of the following: | <ul style="list-style-type: none"><li>track cane harvester</li><li>half-track cane harvester</li><li>wheel cane harvester</li><li>double row cane harvester.</li></ul>                                                                                                                                                      |
| Pre-operational checks must include:                       | <ul style="list-style-type: none"><li>maintenance interval schedule daily check</li><li>machine damage and serviceability</li><li>checking for missing parts</li><li>fluid leaks and levels</li><li>fuel level</li><li>brakes and clutch operation</li><li>condition of tyres or tracks</li><li>machine controls.</li></ul> |
| Biosecurity implications must include:                     | <ul style="list-style-type: none"><li>control of cross-site contamination.</li></ul>                                                                                                                                                                                                                                        |

## Unit Mapping Information

| Code and title<br>current version                     | Code and title<br>previous version                    | Comments                                                                                  | Equivalence status |
|-------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------|
| AHCMOM307<br>Operate a cane<br>harvester<br>Release 2 | AHCMOM307<br>Operate a cane<br>harvester<br>Release 1 | Minor changes to<br>performance criteria,<br>foundation skills and<br>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>