



Australian Government

AHCCHM201 Apply chemicals under supervision

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 handle, transport, and apply chemicals under supervision using workplace specified chemicals and application equipment.

The unit applies to individuals working in a broad range of job contexts who undertake defined routine activities under supervision. They exercise limited autonomy within established and well-known parameters, providing solutions to a limited range of predictable problems.

State or territory licensing, legislative or certification requirements apply in some jurisdictions.

Pre-requisite Unit

Nil

Unit Sector

Chemicals (CHM)

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 to handle chemicals	1.1 Confirm the activity related to chemical handling to be undertaken with supervisor 1.2 Identify and select tools and equipment required according to

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	<p>supervisor instructions</p> <p>1.3 Identify health and safety hazards and risks and apply controls according to supervisor instructions and workplace procedures</p> <p>1.4 Select, ensure serviceability, fit and use personal protective equipment (PPE)</p>
2. Check application equipment	<p>2.1 Carry out pre-operational checks of application equipment and identify and replace any damaged or worn components or report to supervisor</p> <p>2.2 Prepare application equipment for use according to workplace practice and safe chemical handling processes</p>
3. Handle and transport chemicals	<p>3.1 Confirm safety precautions for the handling and transport of chemicals with supervisor</p> <p>3.2 Handle and transport chemicals according to chemical label, safety data sheets and supervisor instructions</p>
4. Prepare chemical for application	<p>4.1 Interpret and apply chemical label instructions according to safety data sheets for the chemical or substance being used</p> <p>4.2 Select and use appropriate mixing equipment</p> <p>4.3 Measure, mix and load application equipment with chemical according to application rates</p> <p>4.4 Clear chemical spills according to chemical label and supervisor instructions</p> <p>4.5 Check that output of application equipment is correct and in accordance with chemical application plan</p>
5. Apply chemicals	<p>5.1 Assess and record weather conditions and forecasts prior to and during application according to workplace requirements</p> <p>5.2 Apply chemical safely according to chemical application plan, chemical label and supervisor instructions</p> <p>5.3 Monitor conditions for application and take appropriate action when conditions are unsuitable according to workplace procedures</p> <p>5.4 Minimise risks to others, product integrity and the environment prior to and during application</p>
6. Finalise work	<p>6.1 Clean and store PPE and application equipment in accordance with manufacturers and health and safety in the workplace requirements</p>

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	6.2 Dispose of excess chemicals and clean containers in accordance with label instructions and regulatory requirements 6.3 Complete incident reports according to workplace procedures 6.4 Complete chemical application records according to workplace procedures 6.5 Store unused chemical and products according to workplace procedures 6.6 Adhere to all re-entry requirements for treated areas

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"> Interpret instructions, chemical labels and safety documentation to identify relevant and key information to apply to mixing and application of chemicals
Writing	<ul style="list-style-type: none"> Use clear language and correct concepts and terminology when reporting incidents and completing chemical application records
Numeracy	<ul style="list-style-type: none"> Perform basic mathematical calculations when measuring and mixing chemicals and checking chemical application equipment
Oral Communication	<ul style="list-style-type: none"> Use clear language, concepts, tone and pace appropriate when confirming chemical application parameters with supervisor
Get the work done	<ul style="list-style-type: none"> Follow clearly defined instructions and sequencing, and monitors own progress for the task, seeks assistance when necessary

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCCHM201 Apply chemicals	AHCCHM201 Apply chemicals	Minor changes to Performance Criteria	Equivalent unit

under supervision Release 2	under supervision Release 1	for clarity Updated Performance Evidence and Knowledge Evidence	
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Links

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