



Australian Government

AHCCHM101 Follow basic chemical safety rules

Release: 2

AHCCHM101 Follow basic chemical safety rules

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 follow instructions and direction for safe handling, storage and use of chemicals.

The unit applies to individuals who undertake a range of defined routine activities alongside a supervisor in most situations. They exercise limited autonomy within established and well-known parameters and identify and seek help for simple problems.

No occupational licensing, legislative or certification requirements apply to this unit at the time of publication.

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 work with chemicals	1.1 Confirm the activity to be undertaken with supervisor 1.2 Confirm tools and equipment to be used with supervisor 1.3 Use appropriate personal protective equipment (PPE) and ensure correct fit as directed by supervisor

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.4 Identify functions of chemicals in the workplace
2. Identify risks associated with chemicals	2.1 Identify and interpret chemical labels, safety signs, symbols and safety data sheets according to supervisors' instructions 2.2 Identify health and safety hazards and risks in the workplace and report to supervisor 2.3 Control risks as directed
3. Follow chemical handling and storage rules	3.1 Identify and locate chemical store 3.2 Interpret and follow safe chemical handling, transport, and storage according to product label and supervisor instructions 3.3 Observe instructions for maintenance and storage of PPE and application equipment 3.4 Follow safety rules when working in areas where chemicals are stored 3.5 Identify emergency procedures to follow in the event of an accident or spillage 3.6 Record information as directed by supervisor

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 chemical labels, instructions and information
Oral Communication	Use clear language and concepts, tone and pace appropriate when communicating with supervisor
Navigate the world of work	Recognises organisational expectations and follows explicit instructions, protocols and procedures when working with chemicals
Get the work done	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
AHCCHM101 Follow basic chemical safety rules Release 2	AHCCHM101 Follow basic chemical safety rules Release 1	Minor changes to Performance Criteria for clarity Updated Performance Evidence and Knowledge Evidence	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>

Assessment Requirements for AHCCHM101 Follow basic chemical safety rules

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.

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 demonstrated that they have followed basic rules relevant to chemical safety, including:

- confirmed work requirements and equipment for chemical use with supervisor
- located and followed information on chemical labels and relevant safety data sheets according to supervisors' instructions
- recognised the use of chemicals and complied with chemical safety signs and symbols in the workplace
- recognised chemical hazards and risks and reported to supervisor and applied risk controls
- used, maintained and stored personal protective equipment (PPE)
- maintained and stored chemical application equipment according to supervisors' instructions
- located chemical store, handled, transported, stored and worked with chemicals according to supervisors' instructions
- followed emergency procedures for accidents or chemical spillage and reported to supervisor
- maintained records according to supervisor instructions.

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:

- rules and instructions for working with and around chemicals
- common types of chemicals used in the workplace
- common types of chemical application equipment to be maintained and stored
- the structure and purpose of chemical labels and safety data sheets
- basics of hazards and risks of chemical use

- safety signage and symbols for chemical use in the workplace
- level of hazard and risks associated with common chemicals used in the workplace and methods of control
- PPE, when and how it should be worn, stored and maintained
- methods of reporting to supervisors' chemical hazards and risks
- safe methods of transporting, handling and storage of chemicals
- types of emergencies and the procedures for accidents and spills of chemicals
- records commonly kept for chemical use.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a typical workplace environment or an environment that accurately represents workplace conditions
 - access to chemicals and chemical store
- resources, equipment and materials:
 - PPE
- specifications:
 - workplace instructions and procedures
 - chemical safety data sheets
 - common chemical labels
- relationships:
 - supervisor.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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