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 3.0. |
| Release 1 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0. |

| AHCCHM101 | Follow basic chemical safety rules |
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| 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 broad range 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. |
| Prerequisite Unit | Nil |
| Unit Sector | Chemicals (CHM) |

| Elements | Performance Criteria |
| --- | --- |
| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1.Prepare to work with chemicals | 1.1 Confirm the activity to be undertaken with the supervisor  1.2 Confirm tools and equipment to be used with supervisor  1.3 Wear appropriate personal protective equipment and ensure correct fit as directed by supervisor  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 (SDS)  2.2 Identify, safety hazards and risks 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 and storage instructions according to labels and supervisors instructions  3.3 Observe instructions for maintenance and storage of personal protective equipment and application equipment  3.4 Follow safety rules when working in areas where chemicals are stored  3.5 Follow emergency procedures 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. | |
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| Skill | Description |
| Reading | * Interprets, consolidates and checks completeness and accuracy of chemical labels, instructions and information |
| Oral Communication | * Uses clear language and concepts, tone and pace appropriate when communication 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 | * Follows clearly defined instructions and sequencing, and monitors own progress for the task, seeks assistance when necessary |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCCHM101 Follow basic chemical safety rules | AHCCHM101 Follow basic chemical safety rules | Updated to meet Standards for Training Packages  Minor changes to Performance Criteria for clarity | Equivalent unit |

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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 AHCCHM101 Follow basic chemical safety rules |
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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 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 (SDS) * recognised the use of chemicals and complied with chemical safety signs and symbols in the workplace * recognised chemical hazards and risks, reported to supervisor and applied risk controls as directed * used, maintained and stored personal protective equipment as directed * applied maintenance and storage requirements for chemical application equipment * located chemical store and applied instructions for, handling, transporting, storing and working around chemicals * followed emergency procedures for accidents or chemical spillage and reported to supervisor * maintained records according to supervisors instructions. | |

| 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:   * rules and instructions for working with and around chemicals * common types of chemicals used in the workplace * common types of equipment used for applying chemicals * the structure and function of chemical labels and SDS * 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 * personal protection equipment, when and how it should be worn, stored and maintained * environmental hazards and risks of chemical use * 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 |
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| 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 industry compliant chemical store * resources, equipment and materials: * access to common chemicals * use of personal protective equipment * specifications: * use of specific workplace documents such as work instructions and procedures * access to chemical safety data sheets * use of workplace instructions * relationships: * supervisors or realistic scenarios or role plays.   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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