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. |

| AHCCHM304 | Transport and store chemicals |
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| Application | This unit of competency describes the skills and knowledge required to safely transport, handle and store chemical formulations.  The unit applies to individuals who work under broad direction and take responsibility for their own work and use discretion and judgement in the selection and use of available resources.  Licensing requirements apply to this unit. Users are advised to check with their relevant regulatory authority. |
| Prerequisite Unit | Nil |
| Unit Sector | Chemicals (CHM) |

| Elements | Performance Criteria |
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| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1.Prepare to transport and handle chemicals | 1.1 Identify health and safety hazards, assess risks and implement controls according to workplace procedures  1.2 Ensure contact details for emergency services are available in transport vehicle according to workplace procedures and transport regulations  1.3 Ensure transport vehicle complies with transport regulations  1.4 Ensure containers are secured, protected and in a condition to be safely transported according to workplace procedures, manufacturer instructions and regulations  1.5 Ensure emergency equipment and procedures are available in the vehicle according to workplace safety protocols and regulations  1.6 Ensure transport arrangements comply with legislative and regulatory requirements for the transport of hazardous substances and dangerous goods  1.7 Obtain and use Safety Data Sheets for chemicals to be transported according to work health and safety procedures and regulatory requirements |
| 2.Transport and handle chemicals | 2.1 Load, transport and handle chemicals according to chemical safety data sheets, manufacturer requirements and transport regulations  2.2 Carry out emergency procedures according to chemical label, safety data sheets and workplace protocols  2.3 Report transport incidents according to workplace procedures and health and safety regulations |
| 3.Store chemicals in the workplace | 3.1 Select and use personal protective equipment  3.2 Use storage methods according to chemical label, safety data sheet and work health and safety practices  3.3 Maintain storage area according to regulatory requirements, work health and safety and environmental procedures.  3.4 Store chemicals to prevent contact and contamination of the work place and environment according to work health and safety requirements  3.5 Dispose of chemicals and chemical waste according to manufacturer instructions and environmental regulations  3.6 Monitor chemical expiration dates and dispose of expired chemicals according to manufacturer instructions, legislative and regulatory requirements |
| 4.Record storage details | 4.1 Maintain chemical storage inventory and safety data information according to legislative requirements  4.2 Report storage incidents according to legislative requirements and workplace procedures |

| 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 | * Reads and interprets safety data sheets, labels, manufacturer instructions, operating instruction and other documentation and consolidates information to determine transport handling and requirements |
| Writing | * Accurately records and completes organisational records using clear language and correct spelling, grammar and terminology |
| Numeracy | * Performs mathematical calculations to determine chemical weights and measures to determine handling and storage requirements |
| Navigate the world of work | * Takes responsibility for following policies, procedures and legislative requirements * Identifies and implements manufacturer requirements for chemical handling and storage |
| Get the work done | * Takes responsibility for planning, sequencing and prioritising tasks required for chemical handling and storage activities * Addresses problems and initiates standard procedures in response to emergencies applying problem solving processes |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCCHM304 Transport and store chemicals | AHCCHM304 Transport and store chemicals | Updated to meet Standards for Training Packages  Changes to Performance Criteria for clarity. Consolidated PC's where content duplicated. | 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 AHCCHM304 Transport and store chemicals |
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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 safely transported and stored chemicals including:   * identified health and safety hazards, risks and implemented controls * ensured emergency services contact details are available * ensured transport vehicle was suitable and that chemicals were loaded, secured and protected according to regulations and procedures * ensured emergency equipment and procedures were available * handled, transported and stored chemicals safely * carried out emergency procedures safely and according to procedures * maintained a chemical storage area and chemical manifest, including safety data sheets * complied with chemical manufacturer instructions, safety data sheets for handling, transporting and storage of chemicals * maintain inventory and records according to workplace practice and regulations * monitored chemical expiration and disposed of chemicals and waste according to workplace and regulatory requirements. | |

| 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:   * how to read a chemical label and safety data sheets and translate into actions * legislation and regulations that apply to transporting and storing chemicals * risk factors including human and animal health and environmental associated with transporting, handling and storing chemicals * requirements for disposal of excess, unwanted, expired chemicals and chemical waste * processes to clean spillages and clean up * placarding requirements for storage and transport of hazardous chemicals and dangerous goods * vehicle requirements and emergency information that must be carried in the vehicle when transporting dangerous goods * emergency procedures for spills and accidents * work health and safety requirements, regulations, policies and procedures for transporting and storing chemicals * recording and monitoring of chemical stores including, expiration and disposal procedures. |

| 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 compliant storage facility suitable for chemicals * access to vehicle for transporting chemicals * resources, equipment and materials: * use of chemicals * use of personal protective equipment * use of materials and equipment to handle, secure and protect chemical loads * specifications: * use of specific workplace documents such as work instructions and procedures for chemical storage * access to chemical labels and safety data sheets * access to legislation, regulations, procedures relevant to handling, storage and transport of chemicals.   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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