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 chemicals.  The unit applies to individuals who work under broad direction and take responsibility for their own work. They use discretion and judgement in the selection, allocation and use of available resources and for solving problems.  State or Territory licensing, legislative or certification requirements apply in some jurisdictions. |
| 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, legislative and regulatory requirements  1.5 Ensure emergency equipment and procedures are available in the vehicle according to workplace safety procedures 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 legislative and regulatory requirements |
| 2. Transport and handle chemicals | 2.1 Load, transport and handle chemicals according to chemical safety data information, chemical label, legislative and regulatory  2.2 Carry out emergency procedures according to chemical label, safety data sheets and workplace procedures  2.3 Report transport incidents according to workplace procedures and health and safety regulations |
| 3. Store chemicals in the workplace | 3.1 Select, ensure serviceability and use personal protective equipment according to safety data sheets and chemical label instructions  3.2 Identify chemical storage requirements and store chemicals according to chemical label, safety data information and work health and safety procedures  3.3 Maintain storage area according to legislative and regulatory requirements, work health and safety and environmental procedures.  3.4 Dispose of chemicals and chemical waste according to chemical label instructions and environmental regulations  3.5 Monitor chemical expiration dates and dispose of expired chemicals according to chemical label instructions, workplace and legislative and regulatory requirements |
| 4. Record storage details | 4.1 Maintain register of stored chemicals and safety data sheets according to workplace procedures and legislative and regulatory requirements  4.2 Report storage incidents according to legislative and regulatory 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, chemical labels, manufacturer instructions, operating instruction and other workplace documentation and consolidates information to safely transport and store chemicals |
| Writing | * Accurately records and completes organisational records using clear language, correct spelling and terminology when completing transport and storage records |
| Numeracy | * Performs mathematical calculations to determine chemical weights, volumes and quantities to determine handling and storage requirements |
| Navigate the world of work | * Takes responsibility for following workplace policies, procedures and legislative and regulatory requirements * Identifies and implements chemical label requirements for 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 |
| 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, assessed risks and implemented controls * ensured emergency services contact details are available * ensured transport vehicle meets regulations 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 and manifest and safety data sheets according to legislative and regulatory requirements * complied with chemical label instructions, safety data sheets for transporting and storage of chemicals * maintain inventory and records according to workplace procedures and legislative and regulatory requirements * monitored chemical expiration and disposed of chemicals and waste according to workplace procedures and legislative 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:   * chemical labels and safety data sheets regarding their purpose, use and terminology, including: * chemical signs, symbols and coding * basic chemical properties and reactivity related to safety data sheets and labels * legislation and regulations that apply to transporting and storing chemicals, including: * transport vehicle requirements * information and documentation * dangerous and hazardous chemicals * placarding requirements * risk factors including human and animal health and environmental * processes and procedures for the disposal of excess, unwanted, expired chemicals and chemical waste including industry disposal programs * work health and safety requirements including personal protective equipment and manual handling * emergency procedures for spills and accidents * 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 storage facility 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 * 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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