Modification history

| Release | Comments |
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| 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. |

| AHCWRK308 | Handle bulk materials in storage area |
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| Application | This unit of competency describes the skills and knowledge required to safely receive, move and sample bulk materials in a storage area to minimise loss or damage according to industry standards and storage program.  The unit applies to individuals who work in a bulk storage environment under broad direction and take responsibility for their own work. They use discretion and judgement in the selection and use of available resources.  No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication. |
| Prerequisite unit | Nil |
| Unit sector | Work (WRK) |

| Elements | Performance criteria |
| --- | --- |
| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1.Prepare to work in bulk materials storage area | 1.1 Interpret work to be undertaken according to work instructions and confirms with supervisor  1.2 Identify work health and safety hazards, assess risks and implement suitable control measures  1.3 Select, use and maintain suitable personal protective clothing  1.4 Identify, select, check and maintain tools and equipment suitable for bulk storage  1.5 Identify environmental implications of undertaking work in the bulk materials storage area, assess likely outcomes and determine action required  1.6 Maintain biosecurity protocols  1.7 Identify and comply with legislative, regulatory and industry requirements  1.8 Design and implement contingency strategies |
| 2.Sample bulk materials for testing | 2.1 Take representative samples of bulk material for testing according to workplace procedures  2.2 Follow workplace safety procedures when taking samples  2.3 Prepare and label representative bulk material samples for dispatch according to workplace procedures  2.4 Dispatch samples according to workplace procedures |
| 3.Move bulk materials into and out of storage | 3.1 Identify bulk materials for handling and storage according to workplace instructions  3.2 Segregate bulk materials according to volume, type, variety and quality characteristics according to workplace specifications  3.3 Check and take measures to minimise infestation and contamination of bulk materials during movement according to workplace procedures  3.4 Operate, clean and store equipment used for bulk storage according to workplace practices and environmental guidelines  3.5 Select storage type and handling equipment for each bulk material according to the material characteristics and properties  3.6 Implement suitable measures to minimise the effect of product properties on the flow of bulk materials  3.7 Update and store records according to workplace procedures |
| 4.Repair and maintain storage facility | 4.1 Identify equipment and facilities repair or maintenance requirements  4.2 Conduct maintenance and repairs according to work procedures  4.3 Complete maintenance records according to workplace procedures  4.4 Clean and maintain workshop and work areas according to workplace and environmental guidelines  4.5 Report maintenance and repairs, damage, malfunctions or irregular performance for machinery, tools and equipment according to workplace procedures  4.6 Clean, maintain and store tools and equipment according to workplace procedures |

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| 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. | |
| Skills | Description |
| Reading | * Reads and interprets instructions and workplace documentation to consolidate information and determine requirements |
| Writing | * Accurately records and completes workplace reports and documents using appropriate industry terminology |
| Navigate the world of work | * Takes responsibility for identifying and following workplace procedures, legislative, regulatory and industry requirements |
| Interact with others | * Selects and uses appropriate conventions and protocols when communicating with clients and co-workers in a range of work contexts |
| Get the work done | * Takes responsibility for planning, sequencing and prioritising workload * Makes routine decisions and implements procedures for tasks, using decision making processes |

| Unit mapping information | | | |
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| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCWRK308 Handle bulk materials in storage area | AHCWRK308A Handle bulk materials in storage area | 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 |

| Assessment requirements | |
| --- | --- |
| AHCWRK308 | Handle bulk materials in storage area |
| 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 can handle bulk materials in storage including:   * checked equipment and storage facilities and identified current or impending faults * recorded bulk materials stocks and movements * identified bulk materials biological contaminants and their effect * prepared and despatched samples of bulk materials * used equipment safely for moving and storing bulk materials * tested bulk materials for required condition and quality * selected, checked and operated tools equipment required for bulk storage operations * performed required maintenance on tools, equipment and machinery used for bulk storage * cleaned, secured and stored machinery and equipment * recognised, reported and rectified operational faults of storage facilities * applied measures to ensure product flow was maintained * maintained records for bulk storage. | |

| 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:   * types of materials and their characteristics suitable for bulk storage * sampling techniques and their quality and classification * common bulk material biological and product contamination and the problems they can cause for storage * effect of product properties including contaminants, desiccant dusts on the flow of the product * bulk storage legislative requirements, manufacturer’s instructions and workplace procedures * storage operations and configuration * work place safety requirements for equipment and facilities in a bulk storage environment * organisation and industry guidelines for segregation of bulk materials quality assurance principles * bulk storage tools and equipment and their operation including; pre-operational and safety checks and maintenance procedures * cleaning and storage of machinery, equipment * environmental impact associated with bulk storage operations * hazards risks and controls associated with bulk storage including personal protective equipment * work place recording and reporting procedures. |

| Assessment conditions |
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| Assessment of skills must take place under the following conditions:   * physical conditions: * a bulk storage facility or an environment that accurately represents workplace conditions for the relevant industry sector * resources, equipment and materials: * access to bulk materials * access to specific tools, equipment and machinery used to handle bulk materials * use of specific personal protective equipment * specifications: * use of specific workplace documents such as, policies, procedures, processes, forms for bulk storage environments * access to operating instructions for required tools, equipment and machinery * access to specific safety data sheets for cleaning products * use of workplace instructions/job specifications/client briefs * access to specific legislation/codes of practice * relationships: * team member(s) * supervisors   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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