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 X.0 |
| Release 1 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0 |

| AHCPER2X3 | Prepare and store products from a permaculture system |
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| Application | This unit of competency describes the skills and knowledge required to carry out routine preparation and storage of products on a permaculture property. It covers the grading, labelling, treatment and storage of harvested products.  This unit applies to individuals who work under general supervision and exercise limited autonomy with some accountability for their own work. They undertake defined activities and work in a structured context.  Licensing, legislative or certification requirements may apply to this unit where handling, processing and distribution of permaculture products are used for human consumption. Users are advised to check with relevant regulatory authority. |
| Prerequisite Unit | Nil |
| Unit Sector | Permaculture (PER) |

| 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 for working with permaculture products | 1.1 Select materials, tools, equipment and machinery  1.2 Check and prepare tools, equipment and machinery  1.3 Identify products to be prepared and stored  1.4 Identify regulatory requirements for handling, processing and storing product  1.5 Identify safety hazards and implement controls according to workplace safety procedures |
| 2. Transport harvested products | 2.1 Handle products and their containers according to workplace and regulatory requirements  2.2 Transport products to preparation area  2.3 Ensure containers are maintained in good condition |
| 3. Grade, label and treat products | 3.1 Grade and label harvested products  3.2 Identify and dispose of defective products  3.3 Apply treatments to products according to workplace procedures and industry standards  3.4 Clean and maintain tools, equipment and machinery used in product treatment |
| 4. Pack products | 4.1 Identify and confirm packaging materials, containers, filling techniques and labelling requirements with supervisor  4.2 Select packaging materials and container for product  4.3 Use filling techniques for specific containers and products |
| 5. Store products | 5.1 Transport and store products according to workplace procedures  5.2 Check the condition of stored products  5.3 Remove damaged products and containers from storage  5.4 Repair, re-pack or discard damaged product according to workplace procedures  5.5 Clean the storage facility and packing containers |

| 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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| Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency. |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCPER2X3 Prepare and store products from a permaculture system | AHCPER205 Prepare and store permaculture products | Title change for clarity of unit intent.  Minor change to Application for consistency  Changes to Performance Criteria and referenced workplace health and safety and regulatory requirement for products | Not equivalent |

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

| TITLE | Assessment requirements for AHCPER2X3 Prepare and store products from a permaculture system |
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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 the individual has prepared and stored two products for at least 3 of the following product types:   * plants * animals * invertebrates * fungi and yeasts   There must also be evidence the individual has:   * identified and prepared materials, equipment and resources for product preparation and storage * identified and complied with regulations and workplace procedures for product * identified safety hazards and implemented controls to safely handled and transport products and containers * graded, labelled, packaged and stored products * maintained product storage areas and containers * checked stored products for damage and rectified damaged product. | |

| 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:   * preparation and storage of products produced in a permaculture system * preserving techniques for harvested products * methods of storing product to retain product quality * range of products produced by permaculture enterprises and their yields including products from: * plants * animals * invertebrates * fungi and yeasts * handling, preparation and treatment techniques for a range of products, including: * observation and identification of product maturity for harvest * storage methods for different products * packaging types for products * grading and packaging standards * methods and equipment used in packaging * pests, diseases and microbes likely to affect stored produce * hygiene issues in the handling and storage of permaculture products * regulatory restrictions on handling, storing and distributing product * product related permaculture industry standards including approved treatments. |

| Assessment Conditions |
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| Assessment of the skills in this unit of competency must take place under the following conditions:   * physical conditions: * skills must be demonstrated on a permaculture system or an environment that accurately represents workplace conditions * resources, equipment and materials: * use of tools and equipment for packaging product * use of personal protective equipment * harvested product ready for preparation and storage * specifications: * use of workplace procedures and processes for packaging product * use of manufacturer operating instructions for equipment use for packaging * access to safety data sheets for treatments * access to regulatory information on product handling, processing and storage * relationships: * supervisor   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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