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 5.0. |
| Release 1 | Initial release |

| AHCNSY305 | Prepare specialised plants |
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| Application | This unit of competency describes the skills and knowledge required to prepare and implement plant treatments and maintain aesthetic appearance of specialised plants.  The unit applies to individuals who prepare specialised plants under broad direction and take responsibility for their own work and for the quality of the work of others.  No licensing, legislative or certification requirements apply to this unit at the time of publication. |
| Prerequisite Unit | Nil |
| Unit Sector | Nursery (NSY) |

| 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 treat specialised plants | 1.1 Analyse customer requirements and clarify by market research or with a supervisor  1.2 Identify specialist plants requiring treatment  1.3 Select treatments appropriate to the specialised plant according to workplace production and marketing plan  1.4 Determine treatment timing according plant species seasonality and market considerations |
| 2. Implement treatments | 2.1 Identify potential hazards and risks and implement safe working practices to manage risks  2.2 Select required materials, tools and equipment and check for safe operation  2.3 Select, fit, use and maintain personal protective equipment applicable to the task  2.4 Use treatments that meet plant aesthetic requirements |
| 3. Maintain aesthetic appearance of specialised plants | 3.1 Monitor the health and aesthetic appearance of the plant to ensure quality standards are met  3.2 Apply water according to plant requirements  3.3 Modify environmental parameters to meet optimum growth of plant  3.4 Apply remedial or preventative measures to plants to ensure they maintain their aesthetic appearance |

| 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 | * Interpret textual information from a range of sources to identify relevant and key information about workplace operations |
| Oral communication | * Use clear language with customers to determine customer requirements * Initiate discussions with supervisor as appropriate using clear language to determine customer requirements and select appropriate specialised plant treatments |
| Numeracy | * Estimate plant treatment quantity * Calculate plant treatment ratios, proportions and application rates |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCNSY305 Prepare specialised plants  Release 2 | AHCNSY305 Prepare specialised plants  Release 1 | Performance criteria clarified  Foundation skills added  Assessment requirements updated | 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 AHCNSY305 Prepare specialised plants |
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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 specialised plants on at least three occasions and has:   * applied workplace health and safety requirements * organised and coordinated materials and equipment * implemented plant treatments * met quality standards for plant health and aesthetic appearance. | |

| 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:   * workplace requirements applicable to health and safety in the workplace for preparing specialised plants * workplace production and marketing plan * the principles and practices of specialised plant preparation, including: * aftercare requirements of treated plants * characteristics of a range of potted plants commonly treated for special aesthetic purposes * different treatments which are applied to specialised plants to achieve desired aesthetic appearance * nursery industry best practice * optimum timing of treatments * specialised, unusual or rare plant species and cultivars. |

| Assessment Conditions |
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| Assessment of skills must take place under the following conditions:   * physical conditions: * a workplace setting or an environment that accurately represents workplace conditions * resources, equipment and materials: * market research * specialised plants * specialised plant preparation materials, tools and equipment * personal protective equipment applicable to preparing specialised plants * specifications: * workplace requirements applicable to health and safety in the workplace for preparing specialised plants * workplace production and marketing plan * relationships: * customers and supervisortimeframes: * according to job requirements.   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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