Modification history

|  |  |
| --- | --- |
| Release | Comments |
| Release 1 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 3.0. |

| AHCPHT2016 | Install and maintain vine trellis |
| --- | --- |
| Application | This unit of competency describes the skills and knowledge required to install and maintain vine trellising.  The unit applies to individuals who work under general supervision, with limited autonomy and accountability for their own work.  No occupational licensing, legislative or certification requirements apply to this unit at the time of publication.  All work must be carried out to comply with workplace procedures, in accordance with State/Territory work health and safety, and food safety regulations, legislation and standards that apply to the workplace. |
| Prerequisite Unit | Nil |
| Unit Sector | Production horticulture (PHT) |

| Elements | Performance Criteria |
| --- | --- |
| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Prepare for trellising activities | 1.1 Confirm work instructions and identify potential work health and safety (WHS) hazards and controls in accordance with workplace procedures  1.2 Select and use personal protective clothing and equipment relevant to the job role  1.3 Check existing trellises for signs of disrepair according to workplace practices  1.4 Prepare and check equipment to confirm readiness for use according to operator instructions  1.5 Select materials for trellis installation or repair  1.6 Lay out posts and supports according to workplace practices  1.7 Run out wire safely according to workplace practices |
| 2. Erect and maintain trellises | 2.1 Start up and operate equipment safely according to operator instructions  2.2 Erect trellis ends and posts and strain assemblies  2.3 Attach and tension foliage and trellis wires according to safety guidelines and workplace procedures  2.4 Carry out trellis maintenance activities  2.5 Recognise, rectify or report problems and anomalies |
| 3. Complete trellising activities | 3.1 Shut down equipment safely in accordance with operator instructions  3.2 Clean and store equipment according to workplace practices  3.3 Store materials safely and according to workplace practices  3.4 Collect and dispose of waste according to workplace and environmental procedures  3.5 Undertake work in accordance with workplace environmental guidelines  3.6 Record workplace information according to 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. | |
| --- | --- |
| Skill | Description |
| Reading | * Interpret textual information from a variety of workplace documents accurately |
| Oral Communication | * Converse clearly using industry-specific language |
| Numeracy | * Calculate numerical information relating to estimating materials and measuring materials |
| Navigate the world of work | * Follow clear instructions within defined level of responsibility * Recognise own work performance and seek assistance where required |
| Get the work done | * Recognise and act on opportunities for continuous improvement in accordance with workplace practices * Respond to routine problems using step-by-step instructions and procedures |

|  |  |  |  |
| --- | --- | --- | --- |
| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCPHT2016 Install and maintain vine trellis | FDFWGG2016A Install and maintain vine trellis | Updated to meet Standards for Training Packages  Code changed to reflect changed training package  Minor changes to performance criteria for clarity | Equivalent unit |

|  |  |
| --- | --- |
| Links | Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4 |

| TITLE | Assessment requirements for AHCPHT2016 Install and maintain vine trellis |
| --- | --- |
| 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 demonstrated the following on at least two separate occasions:   * using appropriate personal protective clothing and equipment * carrying out trellis repairs according to safety requirements and instructions * laying out posts and supports according to instructions * cutting, curing, positioning and tensioning wires according to instructions * storing unused materials correctly * collecting and disposing of waste according to workplace procedures. | |

| Knowledge Evidence |
| --- |
| 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:   * purpose, features and components of the trellis system: * trellis installation process and procedures * common maintenance requirements of vineyard trellising and how to repair them * recognising, rectifying and reporting problems and anomalies of trellis installation * common faults, problems and how to solve them * selecting appropriate materials, including type and quantity * repairing trellis, including: * positioning and depth of posts and strainers * positioning and number of wires * tightness and grade of wire * laying out posts and supports, including: * spacing * type * numbers * positioning * safe handling procedures * running out wire: * securing of ends * safe handling procedures * cutting correct length * positioning * erecting trellis ends and assemblies * attaching foliage and trellis wires: * spacing * alignment * height * tension * fixing method * joining systems * types and operation of trellising equipment: * checking equipment and complete pre-start checks as required * using hand tools * work health and safety (WHS) hazards and controls: * safe handling of materials and equipment * purpose and application of personal protective clothing and/or equipment * environmental issues and controls: * identifying, rectifying and reporting environmental non-compliance * procedures and responsibility for reporting problems and anomalies * cleaning and storage requirements and procedures for equipment * storage requirements and procedures for materials * maintenance procedures for equipment where relevant * storing unused materials. |

| Assessment Conditions |
| --- |
| Assessment of skills must take place under the following conditions:   * physical conditions: * a workplace or an environment that accurately represents workplace conditions * resources, equipment and materials: * personal protective clothing and equipment * trellising equipment, services and corresponding information * trellising materials * cleaning procedures, materials and equipment * documentation and recording requirements and procedures * specifications: * work procedures, including advice on company practices, safe work practices, quality and environmental requirements * instructions, information, specifications and schedules.   Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards. |

|  |  |
| --- | --- |
| Links | Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4 |