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. |

| AHCPMG306 | Determine pest control techniques |
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| Application | This unit of competency describes the skills and knowledge required to select a pest control technique for a strategic approach to pest management and may include weeds, vertebrate or invertebrate pests.  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.  No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication. |
| Prerequisite Unit | Nil |
| Unit Sector | Pest Management (PMG) |

| 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. Assess targeted pest | 1.1 Identify the biology and characteristics of the target pest  1.2 Observe and confirm the location and extent of the pest problem  1.3 Observe and confirm target pest behaviour and movement patterns  1.4 Assess the impact of the pest on assets |
| 2. Assess techniques | 2.1 Identify purpose of control program and determine desired outcomes  2.2 Discuss suitability pest control strategy with supervisor according to planned outcomes  2.3 Identify biosecurity risks associated with control methods  2.4 Determine legislative, economic or social constraints on pest control techniques  2.5 Identify non-target species and constraints that they may impose  2.6 Assess the impact that urban areas will have on the planning of control techniques |
| 3. Plan the control | 3.1 Source information on techniques applicable to the type of pest  3.2 Identify permits, licenses or clearances required to carry out pest control activities  3.3 Assess the relative humaneness of pest control techniques, where target pests include animals  3.4 Determine control measures to address identified constraints  3.5 Identify safety hazards associated with control measures and apply relevant work health and safety policies and procedures to manage risks  3.6 Discuss and confirm the most appropriate technique with stakeholder for the situation and desired outcome  3.7 Determine monitoring techniques according to workplace practices |

| 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 | * Analyse and consolidates technical information and data against defined criteria to determine planned outcomes |
| Oral Communication | * Effectively participates in verbal exchanges including active listening and questioning and reading of verbal and non-verbal signals to convey and clarify information |
| Navigate the world of work | * Takes responsibility for following explicit and implicit policies, procedures and for licencing and permit requirements |
| Get the work done | * Takes responsibility for planning, sequencing and prioritising tasks and workload for efficiency and effective outcomes * Makes routine decisions and implements procedures for routine tasks, using formal decision making processes for more complex situations |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCPMG306 Determine pest control techniques | AHCPMG306 Determine pest control techniques | 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 |

| TITLE | Assessment requirements for AHCPMG306 Determine pest control techniques |
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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 demonstrated that they have determined pest control techniques including:   * assessed the impact of pests on assets * identified the target pest and its characteristics * determined the desired outcomes of pest control * planed and discussed appropriate control techniques with supervisor * used a variety of monitoring techniques to determine pest numbers * identified non-target species that may be at risk during a control program * included work health and safety policies and procedures when planning pest control techniques. | |

| 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:   * pest lifecycles and behaviours, including modes of dispersal, biology and reproduction * features of target and non-target species * habitats of target and non-target pest animals * impacts pest control activities can have on native species * licenses, permits and clearances that may need to be obtained * the impact nearby urban areas may have on pest control * the impact pest control can have on nearby urban areas and off target species * pest control techniques that may be appropriate for the context of work * key conditions for the survival of pests and methods for eliminating or controlling those conditions * basic requirements for ensuring the welfare of animals described in the relevant Codes of Practice, where target pests are vertebrate animals * pests and their impact on assets, including the environment and their acceptable population densities * types of constraints that apply to pest control techniques * legislation applicable to pest control including declared species. |

| Assessment Conditions |
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| Assessment of skills must take place under the following conditions:   * physical conditions: * skills must be demonstrated in the field or an environment that accurately represents workplace conditions * resources, equipment and materials: * live pests * specifications: * use of specific workplace documents such as survey plans, procedures, records and forms * use of workplace instructions or briefs * access to specific animal welfare codes of practice * access to technical information and resources applicable to pest * relationships: * stakeholder.   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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