



Australian Government

Assessment Requirements for AHCPMG508 Develop a system to monitor and evaluate the pest management plan

Release: 2

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Modification History

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0.

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 developed at least one pest monitoring and evaluation program, according to local, regional, state or territory and national pest management strategies.

There must also be evidence that the individual has:

- consulted with stakeholders
- investigated and determined the objectives of the pest management monitoring plan
- identified required operational and performance standards for monitoring, which must include:
 - sample timing, observation systems, level of accuracy required and sample size
 - economic and environmental impact
 - triggers for emergency response
- developed procedures for monitoring and evaluation of pest management plan.

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:

- monitoring and evaluation principles and how they should be included in the management program
- pest biology, behaviour and lifecycles and how they influence monitoring procedures
- pest population dynamics and economic and environmental thresholds
- relevant local, regional, state, territory and national pest management strategies

- Commonwealth, state or territory legislation and regulations relating to pest management activities
- key concepts in the integrated pest management strategy
- data and information management, including formatting and complexity considerations for target stakeholders
- monitoring points for target pests
- non-target species in the area and their impact on pest management
- potential economic and environmental impacts of pest population
- trigger points to initiate an emergency response
- aims, objectives and milestones in the pest management plan
- requirements for ensuring the welfare of animals described in the relevant codes of practice, where monitoring plan involves pest animals
- potential diseases and toxicity relevant to the area and pests.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - digital technology and software for research and creating documents
- specifications:
 - legislation, regulations and industry codes of practice for pest management
- relationships:
 - stakeholders.

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.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>