



Australian Government

Assessment Requirements for AHCCHM404 Develop procedures to minimise risks in the use of chemicals

Release: 1

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Modification History

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

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit. There must be evidence that on at least one occasion the individual has demonstrated that they have developed procedures to minimise risks in the use of chemicals, including:

- sourced information and analysed its content for safe chemical use
- identified steps in the chemical use process and identified hazards and risks
- assessed the risks and developed risk control procedures to mitigate the risk for chemical use
- implemented procedures, monitored and evaluated personnel using procedures
- developed a continuous improvement strategy for risk control procedures
- implemented, monitored and evaluated a chemical risk control procedure
- developed and maintained records for risk assessment.

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:

- sources of chemical safety information, including:
 - codes of practice
 - legislation and regulations
 - chemical manufacturer labels
 - safety data sheets (SDS)
- industry best practice requirements relating to chemical use
- strategies for identifying hazards, risks and controls
- risk factors, including:
 - human
 - animal health
 - product integrity

- weather
- residues and maximum residue levels
- spray drift, spillage and environment
- requirements for the disposal of excess chemicals, clearing spillages and equipment clean up
- chemical application equipment capabilities and limitations
- principles and practices of chemical handling, transporting and storage of chemicals and fumigants
- principles and practices of chemical application strategies and equipment including integrated pest management
- operational factors to consider in procedures, including:
 - transport, handling and storage
 - application methods, equipment and personal protective equipment (PPE)
 - cleaning and decontamination
 - disposal of waste
- strategies for instructing personnel, and monitoring and assessing personnel performance
- mandatory and workplace record keeping requirements for chemical storage, disposal, application and safety.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - tools and equipment required to implement the chemical use procedure
 - PPE
- specifications:
 - specific workplace documents including policies and processes
 - manufacturers' operating instructions for equipment and machinery
 - SDS
 - workplace instructions and job specifications
 - chemical information including legislation, codes of practice, manufacturer instructions
- relationships:
 - team member(s).

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>