



Australian Government

AHCWRK313 Collect samples for a rural production or horticulture monitoring program

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 9.0.

Application

This unit of competency describes the skills and knowledge required to collect samples as part of a rural production or horticulture monitoring program or while conducting post-mortem examination of livestock or other animals.

The unit applies to individuals who collect samples under broad direction, and take responsibility for their own work.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Work (WRK)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan for collection of samples	1.1 Confirm purpose and scope of sample collection activity with supervisor or from work instructions 1.2 Confirm sample collection schedule with supervisor 1.3 Confirm sampling site location and gain approval for site access where required 1.4 Identify samples to be collected and preserved with supervisor

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.5 Assess range of likely operating conditions, hazards and difficult or sensitive environments for impact on sampling and testing
2. Prepare equipment and resources	2.1 Source equipment required for sampling and preserving according to sampling procedures 2.2 Check tools and equipment for serviceability 2.3 Identify faulty or unsafe tools and equipment, and separate for repair or replacement 2.4 Identify potential hazards and risks, and implement safe working practices to manage risks 2.5 Select, fit, use and maintain personal protective equipment (PPE) applicable to the task 2.6 Collect data or record sheets or books for use 2.7 Move tools, equipment, data sheets and personnel to sampling sites and prepare for use
3. Carry out sampling and preserving procedures	3.1 Collect samples according to sampling plan 3.2 Preserve and record samples 3.3 Prepare and package samples for external analysis according to laboratory standards, and send to laboratory 3.4 Package and transport hazardous materials appropriately 3.5 Make observations, including information on the surrounding area and environmental conditions 3.6 Report and deliver collection outcomes, including presentation of samples
4. Complete sample collection activities	4.1 Clean, sanitise, maintain and store tools, equipment and PPE 4.2 Record sampling results and observations on data sheets, and forward to appropriate person 4.3 Report sampling results and changes in field conditions, and tools and equipment unserviceability, to supervisor

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	Identify and interpret textual information from a range of sources about sample collection activities
Writing	Use clear language, accurate industry terminology and logical structure to prepare records
Oral communication	- Use clear language with supervisor to confirm purpose and scope of sample collection activity - Use clear language to report sampling results and changes in field conditions, and tools and equipment unserviceability

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCWRK313 Collect samples for a rural production or horticulture monitoring program	AHCWRK301 Collect samples for a rural production or horticulture monitoring program	Minor changes to application Major and minor changes to performance criteria Foundation skills added Major and minor edits to performance and knowledge evidence and assessment conditions	Not equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCWRK313 Collect samples for a rural production or horticulture monitoring program

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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 collected samples for a rural production or horticulture monitoring program on at least one occasion and has:

- planned for collection of samples and moved equipment to the site
- used and operated sampling tools and equipment relevant to the sampling activity
- applied workplace health and safety requirements, including fitted and used personal protective equipment (PPE)
- followed sampling plan
- preserved samples for a given site
- prepared samples for external analysis
- packaged samples for transport to laboratory
- made observations and distinguished atypical circumstances
- recorded sampling results and observations on data sheets.

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:

- field procedures for sampling and preservation
- collecting equipment and methods
- preservation equipment and processes
- workplace requirements applicable to health and safety in the workplace for collecting samples for rural production or horticulture monitoring programs
- sample recording and reporting procedures.

Assessment Conditions

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

- physical conditions:
 - a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - sample collection, tools and equipment
 - PPE applicable to collecting samples for rural production or horticulture monitoring programs
- specifications:
 - workplace health and safety legislation, regulations, codes of practice and workplace procedures relevant to collecting samples for rural production or horticulture monitoring programs
- relationships:
 - supervisor.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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