



Australian Government

AHCWRK301 Collect samples for a rural production or horticulture monitoring program

Release: 1

AHCWRK301 Collect samples for a rural production or horticulture monitoring program

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

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.

Samples collected will usually be analysed by laboratory staff, although collection staff may undertake some testing.

This unit applies to individuals who work under broad direction and take responsibility for their own work. They use discretion and judgement in the selection and use of available resources.

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

Pre-requisite Unit

Nil.

Unit Sector

Work (WRK)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Plan for collection of samples	1.1 Confirm the purpose and scope of sample collection activity from discussion with supervisor or work instructions 1.2 Confirm the sample collection schedule with supervisor 1.3 Confirm the sampling site location and gain approval for site

Element	Performance criteria
	access where required 1.4 Identify the samples to be collected and preserved with supervisor 1.5 Assess the 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 as outlined in sampling procedures 2.2 Check equipment for availability and serviceability 2.3 Select and use appropriate personal protective equipment 2.4 Collect data or record sheets or books for use 2.5 Move equipment, data sheets and personnel to sampling sites and prepare for use 2.6 Apply safe work practices at all times
3. Carry out sampling and preserving procedures	3.1 Collect samples as outlined in sampling plan 3.2 Preserve and record samples 3.3 Prepare and package samples for external analysis in line with 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 and store equipment and clothing 4.2 Repair damaged or malfunctioning equipment on site or sent to manufacturer or specialist 4.3 Record sampling results and observations on data sheets and forward to appropriate person 4.4 Advise supervisor of changes in field conditions and equipment

Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Unit Mapping Information

This unit is equivalent to AHCWRK301A Collect samples for a rural production or horticulture monitoring program

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for AHCWRK301 Collect samples for a rural production or horticulture monitoring program

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Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- plan for collection of samples and moving equipment to the site
- collect and preserve samples for a given site
- record sampling results and observations on data sheets
- carry out sampling procedures
- distinguish atypical circumstances
- prepare samples
- package samples for transport to laboratory
- use and operate relevant tools and equipment
- use industry standard terminology.

Knowledge Evidence

The candidate must demonstrate knowledge of:

- hydrological cycle
- field procedures for sampling and preservation
- collecting equipment and methods
- preservation equipment and processes
- basic habitat assessment
- water quality issues
- fauna and flora recognition relevant to sampling activities
- topographical, climatic or environmental influence on material or sampling procedure.

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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