



**Australian Government**

# **Assessment Requirements for AHCPER513 Plan and conduct field research**

**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. |

## 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, on at least one occasion, planned and conducted field research relevant to a specific industry sector and has:

- formulated and justified research questions
- designed a field research plan
- conducted research and evaluated information
- entered, analysed and organised data quantitatively and qualitatively, which must include at least one of the following according to research plan:
  - charts
  - tables
  - graphs
- produced written reports on research outcomes and provided conclusions based on evidence and reasoned argument for stakeholders.

## 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:

- potential research opportunities for the specific industry sector
- field research data collection techniques, including:
  - interviews for individuals and groups
  - use of historical records, data
  - conducting observations, surveys and questionnaires
- research methodologies, including:
  - qualitative, quantitative and mixed methodologies
  - action research

- needs studies
- case studies
- statistical sampling
- technologies for communications
- field research plan design
- beneficiaries of the research for specific industry sector
- research ethical standards
- scientific and mathematical research approaches, data collection, processing and analytical techniques and procedures
- auditing and reporting procedures
- research planning and budgeting
- field research health and safety procedures
- research report writing and presentation.

## 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 the field specific to the industry sector or an environment that accurately represents workplace conditions
- resources, equipment and materials:
  - industry specific research materials and field research data
- specifications:
  - workplace policies, procedures and processes
  - research ethical standards
- 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>