



Australian Government

AMPMGT813 Undertake research project

Release: 1

AMPMGT813 Undertake research project

Modification History

Release	Comments
Release 1	This version released with AMP Australian Meat Processing Training Package Version 8.0.

Application

This unit describes the skills and knowledge required to undertake independent study as a research project directed towards an agribusiness issue or problem, including a literature review. The project outcomes must be designed to influence strategic practices and outcomes within an industry context. Some topics will require knowledge of experimental design, survey techniques and statistical analysis of results.

This unit applies to leaders or managers using applied research methodologies to address an industry or sectorial issue.

The focus of this unit is on using research to better understand industry opportunities and threats in order to gain improved industry performance.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety regulations, legislation and standards that apply to the workplace.

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

Mandatory workplace requirements apply to the assessment of this unit.

Pre-requisite Unit

Nil

Unit Sector

Management (MGT)

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>

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1. Define topic	1.1 Identify and scope research issue 1.2 Develop and refine research questions for the designated topic 1.3 Identify research methodologies 1.4 Develop hypotheses
2. Undertake literature review	2.1 Identify suitable sources of literature 2.2 Analyse and present literature outcomes 2.3 Refine research questions and strategy in light of literature review findings
3. Undertake research	3.1 Develop and validate research instruments 3.2 Identify and address ethical and confidentiality requirements 3.3 Identify environmental sustainability issues associated with the research 3.4 Conduct research, incorporating all aspects of designated topic and relevant legislation and regulatory requirements 3.5 Record findings according to workplace requirements
4. Present findings	4.1 Analyse research outcomes 4.2 Review and analyse research methodology 4.3 Develop recommendations for the designated topic 4.4 Prepare and present research report according to workplace style requirements 4.5 Present report for peer review

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	Engage critically with complex texts from a range of sources

Skill	Description
Writing	- Produce a comprehensive report that includes an abstract, statement of scope, research methodology, analysis of findings, conclusion and references - Plan, draft, review and proofread sections and versions of the research report
Oral communication	Present research findings to groups using presentation aids

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AMPMGT813 Undertake research project	AMPMGT808 Undertake research project	Foundation Skills added Performance Evidence, Knowledge Evidence and Assessment Conditions reworded for clarity Mandatory workplace requirements clarified	Equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5e2e56b7-698f-4822-84bb-25adbb8443a7>

Assessment Requirements for AMPMGT813 Undertake research project

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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 undertaken an independent research project to address at least one agribusiness issue or problem, including:

- completed a comprehensive literature review
- formulated research proposal or plan, including:
 - specific research questions or hypotheses
 - valid population or sample size
 - description of the geographical, cultural, social or institutional context within which the research will be undertaken
 - full description of the data collection methods
- analysed the limitations to research design
- designed appropriate tools and techniques to gather data
- produced a comprehensive research report that includes analysis of data, and valid and reliable findings.

The individual must also have:

- used analysis and interpretation skills to have:
 - critically reviewed other research strategies, analysis and findings
 - applied research findings to a current issue
 - selected relevant information and documentation
- used communication and negotiation skills to:
 - present and explain research ideas
 - gain commitment to participate in research activity
 - present findings
- developed and conducted research activity
- undertaken risk assessment and resolved issues that arise throughout project.

Mandatory workplace requirements

All performance evidence specified above must be demonstrated in an agribusiness business.

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:

- relevant legislation and regulatory requirements relevant to research topic
- research methods and techniques
- qualitative and quantitative data collection methods
- risk assessment and monitoring strategies, including environmental risk analysis
- strategies to analyse and evaluate effectiveness of research
- research report format, including comprehensive citing and referencing approach.

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 agribusiness context*
- resources, equipment and materials:
 - *access to appropriate technology for researching and communicating with stakeholders*
- specifications:
 - *workplace documents relevant to research topic*
 - *access to legislation and codes of practice relevant to business and research topic.*

Assessment for this unit must include at least three forms of evidence.

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

Mandatory workplace requirements

Mandatory workplace requirements are shown in *italic* text. Refer to the Companion Volume Implementation Guide for further information.

Links

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