



Australian Government

Assessment Requirements for AHCAGB518 Develop climate risk management strategies

Release: 2

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Modification History

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 10.0.
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 4.0.

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 developed climate risk management strategies for at least one site or property, including:

- researched, analysed and interpreted climate and site data
- recognised climate risks and opportunities presented for the business
- presented strategies to stakeholders, identifying how risks associated with variable climate could be managed.

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:

- types and sources of data used to record weather patterns
- qualitative and quantitative techniques to analyse risks
- impact of weather and climate on business activities
- difference between weather and climate
- causes of general patterns of weather and climate over Australia
- climate variability and climate change impacts for local region
- property and enterprise management decisions affected by the current and predicted climatic variability
- recognition of climate risks and opportunities
- seasonal climate forecasting systems and related indicators
- contingency planning including natural disaster planning for site

- a definition of risk management, including the identification, assessment, and prioritisation of risks followed by coordinated and economical application of resources to minimise, monitor and control the probability and/or impact of events
- potential impacts of climate change on land and natural resource management
- strategic options and planning in response to climate variability for a range of seasons (normal, drier or wetter than normal)
- how to calculate financial returns for different strategic options
- computer applications to access, record, analyse and model data
- principles for decision-making, based on the variable climate and seasonal climate forecasts.

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 a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - digital technology and software used to research information relevant to climate
 - access to information and data relevant to a specific site/plot of land.

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>