



Australian Government

AHCAGB502 Plan and manage infrastructure requirements

Release: 1

AHCAGB502 Plan and manage infrastructure requirements

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to plan and manage infrastructure requirements.

All work must be carried out to comply with workplace procedures, work health and safety legislation and codes, and sustainability practices.

This unit applies to individuals who take personal responsibility and exercise autonomy in undertaking complex work. They must analyse information and exercise judgement to complete a range of advanced skilled activities.

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

Agribusiness (AGB)

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. Determine infrastructure requirements	1.1 Access information regarding the characteristics of the products and their respective market requirements 1.2 Confirm characteristics of the land under production and the production processes to be used from colleagues and other planning processes 1.3 Identify and access data from organisational records for input to infrastructure planning processes

Element	Performance criteria
	1.4 Collect and use information regarding other organisational planning processes and potential for improvements or innovations collected to inform the infrastructure planning process 1.5 Identify and compare the infrastructure required to efficiently achieve the targeted production requirements with those existing and available in the organisation 1.6 Identify work health and safety hazards, assess risks and incorporate suitable controls into the planning process 1.7 Plan and budget for replacements, purchases and sales of plant and vehicles 1.8 Use details regarding infrastructure requirements as input to other organisational planning processes
2. Obtain, prepare or build infrastructure	2.1 Identify solutions to bridging the gaps between required and existing infrastructure 2.2 Determine preferred solution to filling gaps in required infrastructure from a cost benefit analysis 2.3 Undertake negotiations to obtain infrastructure or componentry at the best rate for the organisation 2.4 Organise preparation work required for existing infrastructure and undertaken as necessary 2.5 Plan and commission works required 2.6 Ensure all alterations to infrastructure or new developments give due consideration to environmental and waste management requirements
3. Manage infrastructure	3.1 Determine infrastructure maintenance programs including scheduling and responsibilities 3.2 Undertake replacements, purchases and sales of infrastructure according to plans made 3.3 Ensure any reallocations of land required are undertaken with the planning and consultation required by the organisation and within all relevant guidelines and regulations 3.4 Manage situations that require unplanned maintenance within organisation guidelines and policy 3.5 Make checks to ensure that program specifications are adhered to and amendments are made where necessary 3.6 Make checks to ensure that all work health and safety requirements are adhered to including the appropriate use of personal protective equipment 3.7 Make checks to ensure that potential detrimental environmental impacts are minimised or eliminated
4. Record and manage	4.1 Analyse data, observations and documentation recorded during

Element	Performance criteria
information	the production cycle against the plan 4.2 Prepare recommendations for future plans based on the analysis of the data 4.3 Prepare a report that documents the plan's implementation 4.4 Create, maintain and keep records and documentation as described in the business plan 4.5 Complete records and documentation clearly and accurately throughout production in the organisation 4.6 Ensure relevant records are available, accessible, meaningful and useful

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 AHCAGB502A Plan and manage infrastructure requirements.

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 AHCAGB502 Plan and manage infrastructure requirements

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

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:

- identify infrastructure requirements for the enterprise
- source, construct and modify infrastructure to meet enterprise requirements
- develop an infrastructure maintenance program including scheduling and responsibilities
- establish a recording system for infrastructure purchase, construction and maintenance
- interpret, analyse and extract information from a range of sources
- identify, build and use network and support groups
- recognise potential opportunities to use or install more environmentally efficient systems or equipment
- implement enterprise work health and safety policies
- implement enterprise sustainability practices.

Knowledge Evidence

The candidate must demonstrate knowledge of:

- sustainable land use principles and practices
- property planning, financial management and enterprise budgeting systems and procedures
- environmental controls and codes of practice available to the organisation
- sound management practices and processes to minimise noise odours and debris from production processes
- sustainable land use principles and practices applicable in the region
- relevant legislation and regulations relating to infrastructure management.

Assessment Conditions

Competency is to be assessed in the workplace or simulated environment that accurately reflects performance in a real workplace setting.

Assessors must satisfy current standards for RTOs.

Links

Companion Volume implementation guides are found in VETNet -

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