



Australian Government

AHCAGB503 Plan and monitor production processes

Release: 1

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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 monitor production processes.

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 production process requirements	1.1 Obtain production information for consideration 1.2 Confirm characteristics of the resources under production 1.3 Obtain recent and historical data from organisational records for input to production planning 1.4 Identify potential for improvements or innovations to inform production planning 1.5 Identify production processes required to achieve the targeted

Element	Performance criteria
	<p>production and compare with those that currently exist</p> <p>1.6 Use production planning information as input to other organisational planning processes</p> <p>1.7 Establish appropriate biosecurity and Quality Assurance requirements</p>
2. Determine monitoring requirements and systems	<p>2.1 Establish targets for each production unit from the organisational management and strategic plans</p> <p>2.2 Schedule production taking varying organisational factors into consideration</p> <p>2.3 Establish and include environmental sustainability controls in the production plan</p> <p>2.4 Establish monitoring points and performance indicators using target, environmental management and scheduling information</p> <p>2.5 Develop and use risk management strategies when necessary</p>
3. Monitor and evaluate the effectiveness of production processes	<p>3.1 Ensure that performance indicators, targets and specifications are met and amendments to the process are made where necessary</p> <p>3.2 Evaluate the effectiveness of the production processes at key points and make adjustments as necessary</p> <p>3.3 Identify monitor and assess environmental impacts and workplace health and safety hazards throughout the production cycle</p> <p>3.4 Modify the production process by shifting priorities and results when necessary</p> <p>3.5 Analyse data, observations and documentation from the production process against the plan</p>
4. Record and manage information	<p>4.1 Prepare recommendations for future plans based on the analysis of production data</p> <p>4.2 Prepare a report that documents the plan's implementation</p> <p>4.2 Create, maintain and keep records and documentation as described in the production plan, the work health and safety requirements, and machinery and equipment management programs</p> <p>4.4 Ensure that required information is available, accessible, meaningful and useful</p>

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 AHCAGB503A Plan and monitor production processes.

Links

Companion Volume implementation guides are found in VETNet -

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