



Australian Government

AHCCOM402 Plan and schedule compost production

Release: 1

AHCCOM402 Plan and schedule compost production

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 schedule compost production. This unit applies to product managers at a commercial-scale composting facility.

It applies to individuals who analyse information and exercise judgement to complete a range of advanced skilled activities and demonstrate deep knowledge in a specific technical area. They have accountability for the work of others and analyse, design and communicate solutions to a range of complex problems.

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

Composting (COM)

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. Establish production requirements	1.1 Quantify production requirements from raw material supply contracts and receival data, sales and market trend information, and corporate marketing plan and strategy 1.2 Identify conditions that affect production requirements with management, sales and marketing personnel 1.3 Estimate production requirements to meet customer requirements and site and equipment capacity in consultation with

Element	Performance criteria
	management, sales and marketing personnel 1.4 Monitor environmental and work health and safety impacts for compliance with enterprise plan and licence conditions 1.5 Document and submit production plan for management approval 1.6 Confirm availability of personnel, machinery and equipment for compost production 1.7 Develop contingency plan for oversupply or undersupply of raw material or product
2. Schedule production to meet requirement	2.1 Calculate batch types and volumes of compost-based products 2.2 Obtain laboratory and field test data of compost materials during and after production 2.3 Monitor and adjust production schedule according to field and laboratory test results 2.4 Make product available to customer in required quantities, to required quality and at required time

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 AHCCOM402A Plan and schedule compost production.

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 AHCCOM402 Plan and schedule compost production

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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:

- develop and document contingency plans for compost production
- document a compost production plan consistent with enterprise capabilities and constraints
- identify and interpret relevant information and conditions that could influence compost production
- make product available to customers as required
- produce and document a compost production schedule

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices of compost production scheduling
- control of hazards in handling raw materials and product
- processing duration for various raw materials
- raw materials and their characteristics
- relationship between key compost recipe variables and compost production
- systems, technologies and methods in compost production

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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