



Australian Government

AHCCOM501 Identify and secure raw materials supply for compost production

Release: 1

AHCCOM501 Identify and secure raw materials supply for 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 identify and secure raw materials supply for compost production. This unit applies to commercial composting facility managers.

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. Determine characteristics of raw materials required	1.1 Identify commercial objectives, product range and specifications, compliance requirements and enterprise constraints 1.2 Review raw material supplies for suitability for compost products 1.3 Identify complementary raw material characteristics and quantities to manufacture defined products 1.4 Specify and document characteristics and quantities of additional

Element	Performance criteria
	complementary raw materials 1.5 Identify complementary or substitute raw material types consistent with requirements
2. Identify and prioritise raw materials required for production	2.1 Identify and assess raw material options to determine priority according to product range and specifications 2.2 Obtain samples of raw materials from sources of supply and evaluate and confirm risks 2.3 Submit changes to raw materials and product specifications for incorporation into business and marketing plan and strategy
3. Secure and maintain access to raw materials	3.1 Gain management approval for securing preferred raw materials 3.2 Document specifications for raw material characteristics and acceptability criteria for receipt for inclusion in supply contract 3.3 Determine preferred suppliers of raw materials 3.4 Negotiate and secure supply contracts 3.5 Maintain communication with suppliers to support reliable and secure supply of consistent quality raw materials
4. Prepare for receipt and processing of raw materials	4.1 Document and include receipt, containment, handling and management requirements into procedures and training 4.2 Confirm availability of site infrastructure, plant and equipment requirements

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 AHCCOM501A Identify and secure raw materials supply for 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 AHCCOM501 Identify and secure raw materials supply for 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:

- assess characteristics of different raw materials as relevant to manufacture of particular products according to compliance requirements
- define raw material specifications and acceptance criteria
- Identify raw materials and product specifications to incorporate into business and marketing plans and strategies
- develop criteria and identify raw material requirements from corporate documents
- draft a supply contract with inclusions as negotiated
- support reliable and secure supply of consistent quality raw materials
- review processes, plant and site capabilities against requirements for receiving and processing raw materials

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices for securing raw materials
- capabilities and limitations of site and plant
- environmental and site licenses and associated risks and restrictions
- potential risks and hazards related to various raw materials
- raw material assessment and characterisation
- raw materials used in compost production
- regulations and standards governing raw materials
- standard forms of supply contracts
- technical and industry literacy to source and interpret test data

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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