



Australian Government

Assessment Requirements for AHCCOM304 Operate compost processing plant, machinery and equipment

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 9.0.

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, on at least one occasion, operated processing plant, machinery and equipment for the production of compost and has:

- determined operating methods
- implemented work and equipment maintenance plans
- monitored input materials and reported non-conformances
- monitored outputs and reported out-of-specification product
- performed shutdown procedures and maintained records.

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:

- principles and practices for operating compost processing plant, including:
 - product types and characteristics
 - raw material types and characteristics
- enterprise guidelines associated with operation of plant, machinery and equipment, including:
 - environmental licenses and impacts, and procedures for identification of contaminants
 - legislation, regulations and codes of practice with regard to operator licensing, roads and traffic requirements
 - lock-out and tag-out procedures for plant, machinery and equipment
 - manufacturer specifications for servicing of plant, machinery and equipment
 - operating principles and operating methods for plant, machinery and equipment
 - potential risks and hazards associated with operation of plant, machinery and equipment
 - principles of weight distribution with regard to load-shifting and machinery movement

- procedures for cleaning, securing and storing machinery, equipment and materials
- workplace health and safety legislation, codes of practice and specific hazards, including:
 - hazardous substances and fuel
 - exposure to organic micro particles
 - worksite safety and personal protective equipment (PPE).

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated on a farm or a commercial composting site or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - tools, machinery and equipment for processing raw materials and compost
 - personal protective equipment
- specifications:
 - workplace policies, procedures, processes
 - manufacturer operating instructions for equipment and machinery
 - safety data sheets
 - workplace instructions and specifications
 - specific legislation and codes of practice
- relationships:
 - work team.

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>