



Australian Government

Assessment Requirements for AHCPHT220 Perform mushroom substrate process tasks

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 6.0.

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 performed mushroom substrate process tasks on at least three occasions, and has:

- selected, prepared and maintained mushroom substrate processing tools, equipment and machinery
- maintained site quarantine protocols and personal hygiene
- applied workplace health and safety requirements
- minimised environmental impacts associated with mushroom substrate process tasks
- followed industry and workplace biosecurity procedures
- filled units with mushroom substrate
- applied spawn into mushroom substrate
- reported spawn usage rate variations, and casing depth, structure and consistency variations
- calculated pesticide, peat, limestone and additive quantities
- prepared and applied casing mixture
- measured casing depth
- completed work records and reported work outcomes and unserviceable tools and equipment to supervisor and sought feedback.

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 of mushroom substrates, including:
 - food safety standards, hazards and critical control points, quality systems and emergency procedures

- the impact on the rest of the mushroom production cycle of deviations of mushroom substrate quality from workplace standards for substrate
- the mushroom production cycle
- substrate production
- site quarantine protocols
- workplace requirements applicable to health and safety in the workplace for mushroom substrate process tasks
- environmental impacts associated with mushroom substrate process tasks
- industry and workplace biosecurity procedures.

Assessment Conditions

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

- physical conditions:
 - a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - mushroom substrate processing tools, equipment and machinery
 - mushroom substrate and spawn
 - pesticide, peat, limestone, additive and casing mixture
- specifications:
 - food safety standards relevant to mushroom substrate preparation
 - workplace requirements applicable to health and safety in the workplace for mushroom substrate process tasks
 - industry and workplace biosecurity procedures applicable to mushroom substrate process tasks
- relationships:
 - supervisor
- timeframes:
 - according to job requirements.

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>