



**Australian Government**

# **AHCPHT415 Control Phase II mushroom substrate process**

**Release: 1**

## AHC PHT415 Control Phase II mushroom substrate process

### Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.

### Application

This unit of competency describes the skills and knowledge required to control Phase II of a mushroom substrate process, including confirming requirements for mushroom substrate preparation and carrying out Phase II processes.

The unit applies to individuals who apply specialist skills and knowledge to control Phase II of a mushroom substrate process. This includes applying and communicating non-routine technical solutions to predictable and unpredictable problems.

All work is carried out to comply with workplace procedures, health and safety in the workplace requirements, legislative and regulatory requirements, and sustainability and biosecurity practices.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

### Pre-requisite Unit

Nil

### Unit Sector

Production Horticulture (PHT)

### Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Confirm the requirements for Phase II mushroom substrate preparation	1.1 Monitor and manage Phase II mushroom substrate process and ensure all equipment is operated safely 1.2 Check and ensure all temperature probes are functioning correctly 1.3 Confirm site quarantine protocols and workplace and personal

<b>Elements</b>	<b>Performance Criteria</b>
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	hygiene requirements are followed 1.4 Assess condition and quality of compost before filling
2. Carry out Phase II process	2.1 Monitor placement of probes in air and substrate 2.2 Check amount and evenness of filling 2.3 Check doors are secure and vents and thermostats are set at completion of filling 2.4 Measure and record key factors and critical points 2.5 Adjust equipment settings to ensure optimum conditions for each Phase II sub-stage 2.6 Take random representative samples for laboratory testing 2.7 Determine ammonia levels before cool down for spawning

## Foundation Skills

*This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.*

<b>Skill</b>	<b>Description</b>
Reading	<ul style="list-style-type: none"> <li>Identify and interpret information regarding requirements for controlling Phase II of a mushroom substrate process</li> </ul>

## Unit Mapping Information

<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
AHCPHT415 Control Phase II mushroom substrate process	AHCPHT406 Control Phase II mushroom substrate process	Performance criteria clarified Foundation skills added Assessment requirements updated	Equivalent

## **Links**

Companion Volumes, including Implementation Guides, are available at VETN - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>