



**Australian Government**

**Assessment Requirements for AHCPHT406  
Control Phase II mushroom substrate  
process**

**Release: 1**

# Assessment Requirements for AHCPHT406 Control Phase II mushroom substrate process

## Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

## 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 room or tunnel layout and determine most appropriate locations for taking substrate and air measurements
- carry out effective troubleshooting during Phase II process
- differentiate between Phase I substrate and substrate ready for spawning and describe desired parameters of each stage
- monitor and manage Phase II process for at least eight crops

## Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices for controlling Phase II processes
  - concept of compost selectivity and biological indicators of compost quality
  - correct probe placement and calibration
  - factors influencing air quantity and distribution
  - farm standards and procedures, including those relating to workplace health and safety, food safety, Hazard Analysis Critical Control Point (HACCP), quality systems, emergency procedures, organisational structure
  - interpretation of chemical test results
- how different systems (shelf, tray and tunnel) impact on temperature zones in substrate
- key parameters to be recorded and monitored relating to temperature, ammonia and moisture content
- objectives and desired parameters of each sub-stage of Phase II substrate preparation
- overview of Phase I compost production and how it impacts on Phase II process
- relevant legislation and industry codes of practice

- site quarantine protocols

## **Assessment Conditions**

Assessors must satisfy current standards for RTOs.

## **Links**

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>