



Australian Government

Assessment Requirements for AHCCHM302 Fumigate soil

Release: 1

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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 the need for fumigation
- select appropriate fumigant and application method
- conduct pre-operational checks on equipment and personal protective equipment
- prepare site for fumigation
- set up and calibrating fumigation equipment
- fumigate soils safely in accordance with chemical label
- aerate soils and check for residual fumigant gas
- ventilate fumigation enclosure if fumigation is performed in glasshouse or similar
- clean and store fumigation equipment and personal protective equipment after completing work
- use appropriate personal protective equipment
- follow emergency procedures during an accident or spillage
- complete fumigation records follow enterprise work health and safety policies

Knowledge Evidence

The candidate must demonstrate knowledge of:

- primary and secondary soil/media pests
- threshold pest levels and cost benefit
- fumigant free options for pest control including Integrated Pest/Resistance Management principles
- how to interpret fumigant label and SDS requirements
- soil, media type, moisture and temperature factors in relation to fumigation
- features, functions, calibration and set up of fumigation equipment
- legislation, regulations and licensing requirements in relation to fumigant use

- risk factors including human and animal health, weather, leakage, spillage and environmental
- requirements for disposal of excess fumigants, clearing spillages and equipment clean up
- a variety of primary and secondary soil and media pests
- a variety of fumigant labels and SDS used in the workplace
- types and application of personal protective equipment

Assessment Conditions

Competency is to be assessed in the workplace OR workplace and simulated environment that accurately reflects performance in a real workplace setting.

Assessors must satisfy current standards for RTOs.

Links

Companion Volume implementation guides are found in VETNet -
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>