



Australian Government

**Assessment Requirements for
AHCCHM301 Use application equipment to
apply fumigant in confined spaces**

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:

- determine the need for fumigation as an option within an Integrated Pest Management (IPM) and IRM strategy
- select the appropriate fumigant and application method
- prepare fumigants
- set up and calibrate fumigation equipment
- prepare and monitor the facility and equipment
- seal the facility
- conduct fumigation
- check for residual fumigant gas
- restore the facility and cleaning the equipment
- record work activities
- use appropriate personal protective equipment
- follow emergency procedures during an accident or spillage
- follow enterprise work health and safety policies

Knowledge Evidence

The candidate must demonstrate knowledge of:

- primary and secondary pests relevant to grain, seed, crops or plants to be treated
- fumigant free options for pest control including Integrated Pest/Resistance Management principles
- fumigant labels and SDS used in the workplace
- how to interpret and apply fumigant label requirements

- factors and considerations in relation to fumigation of relevant grain, seed, crops and plants
- range of techniques to seal a facility
- different personal protective equipment and their uses
- legislation, regulations and licensing requirements in relation to fumigant use
- confined space regulations including signage, gas detection and entry procedures
- features, functions, calibration and set up of fumigation equipment
- risk factors including human and animal health, leakage, spillage and environmental
- how to assess for residual gas and safe re-entry periods
- consequence of fumigant residues and Maximum Residue Limits (MRLs)
- ventilation processes
- requirements for disposal of excess fumigants, clearing spillages and equipment clean up

Assessment Conditions

Competency is to be assessed in the workplace OR 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>