



Australian Government

**Assessment Requirements for
CPPUPM3011 Manage organisms by
applying fumigants to commodities and
environments**

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Modification History

Release 2 This version first released with CPP Property Services Training Package Release 10.3

Reference to AS 2476 has been removed from the Knowledge and Assessment Conditions.

Release 1 This version first released with CPP Property Services Training Package Release 9.0.

Supersedes and equivalent CPPPMT3011 Manage organisms by applying fumigants to commodities and environments

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by fumigating five different sites from the types listed below, according to the type of licence held:

- aircraft
- building
- burrow
- chamber
- container
- sheeted stack
- ship
- silo
- soil.

Fumigation must target one or more of the following organisms:

- arachnids
- bacteria
- fungi
- insects
- molluscs
- moulds
- plants
- rabbits
- rodents

- seeds.

Knowledge Evidence

To be competent in this unit, a candidate must demonstrate knowledge of:

- chemicals' routes of entry into the human body and potential symptoms of exposure
- commodity absorption and desorption rates
- compliance requirements associated with managing organisms by applying fumigants to commodities and environments in domestic, commercial, industrial and maritime situations:
 - environmental requirements:
 - clean up, containment or isolation of hazards
 - emergency chemical spill control measures
 - hazardous materials handling
 - regulations, by-laws and guidelines of environmental protection agencies and government departments
 - waste handling and disposal
 - industry guides, advisory standards and relevant industry codes of practice
 - key requirements of commonwealth, state and territory legislation and local government regulations:
 - chemical use, registers and manifests
 - consumer protection
 - dangerous goods
 - fumigation regulations and licence requirements
 - mandatory notifications
 - privacy
 - public health and safety
 - quarantine requirements
 - work health and safety (WHS)
 - public health and safety:
 - licence endorsements and conditions or limitations
 - occupant notifications
 - record of site conditions
 - warning signs
- equipment used when applying fumigants:
 - fumigant application equipment and calibration methods
 - personal protective equipment (PPE):
 - eye, ear and respiratory protection
 - first aid kit
 - site-specific PPE and clothing
 - soap and towel

- sun protection
- fumigation methods and associated:
 - fumigation conditions, site and enclosure requirements
 - organisms eradicated through fumigation
 - product knowledge including manufacturers' instructions for equipment and products being used
 - risks of effect of fumigant on public health and environment
- information and industry terminology typically contained in work instructions and quarantine orders
- purpose of, and information typically contained in safety data sheets (SDS)
- test methods and readings for monitoring fumigant concentrations
- types of fumigants used to manage organisms in commodities and environments:
 - application methods
 - environmental conditions such as withholding periods
 - preparation requirements
 - safety requirements for handling, use and decontamination
 - types of organisms treated
- typical hazards encountered when managing organisms by applying fumigants to commodities and environments, and risk control measures for each:
 - animal bites and stings
 - chemicals
 - confined or restricted spaces
 - electrical
 - environmental contamination
 - fire
 - lighting
 - manual handling
 - moving vehicles and machinery
 - noise
 - remote locations
 - respiratory
 - slips and trips
 - temperature
 - ultraviolet radiation
 - work at heights
- workplace policies and procedures that apply to managing organisms by applying fumigants:
 - documentation and reporting
 - WHS:
 - emergency response procedures
 - hazard identification, risk assessment and control using the hierarchy of control

- injury, dangerous occurrence and incident reporting
- safe work methods.

Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations.

Fumigations must be conducted with at least one other person and supervised by a licensed fumigator. Of the five required simulations, two must be conducted in a real workplace and three may be simulated

Candidates must have access to fumigation sites and associated work instructions, information, SDS, fumigants, tools, equipment and PPE required to achieve the performance evidence including relevant industry codes of practice.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>