



Government of **Western Australia**  
Department of **Health**

# Guidelines for fumigations by a registered pest management business

## Contents

1	Introduction	2
2	Public Health Requirements	2
3	Occupational Safety and Health Requirements	2
4	Application by a registered proprietor to approve a fumigation site	2
4.1	Conditions of Approval	3
4.2	Change of business or cancellation of fumigation services	3
5	Fumigation Plan	4
5.1	Roles and Responsibilities	4
5.2	Items to be fumigated	4
5.3	Description of Fumigant(s)	4
5.4	Location of fumigation site	5
5.4.1	Selecting a location	5
5.4.2	Buffer Distance	5
5.4.3	Exclusion and Risk Areas	5
5.4.4	Security	7
5.4.5	Fumigation location details	7
6	Risk Assessment and Safe Work Procedures	7
6.1	Special considerations	8
7	Clearance process	8
7.1	Testing Requirements	9
7.1.1	Gas monitoring	9
7.1.2	Leak Testing	9
8	Personal protective equipment and clothing	9
9	Emergency Procedures	10
10	Records	10
11	Granting Approval	10
12	Health Surveillance	11
13	Compliance	11
13.1	Incident notification	11
14	Glossary	11

## 1 Introduction

This document has been written for the purpose of providing guidance to industry seeking an application to approve a fumigation site in accordance with Section 63 of the Health (Pesticide) Regulations 2011.

The document provides information on:

- the design and approval of a fumigation site/area
- the development of site-specific fumigation plans and risk assessments for undertaking fumigations.

The primary focus of the *Health (Pesticides) Regulations 2011* (Pesticide Regulations) is minimising potential exposure to fumigants. While there is some overlap, the requirements for ensuring the effectiveness of a fumigation are not addressed by this document and it is the responsibility of the business to ensure these requirements are met.

## 2 Public Health Requirements

The Pesticide Regulations requires the following to be completed and implemented:

- risk assessment
- fumigation plan
- emergency management plan.

The Pesticide Regulations require compliance with Sections 2.2 Fumigation Plan and 2.3 Risk Assessment of AS 2476-2008 General Fumigation. Since AS 2476-2008 General Fumigation has been withdrawn by Standards Australia, the Department of Health have reproduced the relevant requirements in these guidelines, which, together with the *Fumigation Approvals - Assessment and Control of Risks* document will assist pest management businesses, assigned licenced fumigator in charge and licensed technicians in developing and implementing a risk assessment that is compliant with the Pesticide Regulations. The risk assessment must be completed first and should inform the development of the fumigation plan.

**The risk assessment and fumigation plan will need to be completed, available and ready for implementation once approval is granted by the Chief Health Officer. An Authorised Officer can request to see these documents at any time.**

## 3 Occupational Safety and Health Requirements

Fumigations are also required to meet the provisions of the *Occupational Safety and Health Act 1984* and the relevant sections of the *Occupational Safety and Health Regulations 1996*. These regulations cover risk assessment and workplace controls for use of hazardous substances (Part 5), as well as requirements for health surveillance.

For further information or advice contact WorkSafe Division, Department of Mines, Industry Regulation and Safety (<https://www.commerce.wa.gov.au/worksafe/hazardous-substances-fags>).

## 4 Application by a registered proprietor to approve a fumigation site

An application form must be completed for each, separate, fumigation site using any fumigants with the following active ingredients:

- chloropicrin
- 1,3 dichloropropene

- enthanedinitrile
- ethyl formate
- ethylene dibromide
- ethylene oxide
- methyl bromide
- phosphine
- sulfuryl fluoride.

The pest management businesses and the licensed pest management technicians need to confirm in the application that a site-specific risk assessment, fumigation plan and emergency management plan are completed and are ready for implementation at the fumigation site.

Under Section 63 of the Pesticide Regulations the completion of fumigation and emergency plan and implementation of their control measures are the responsibility of the pest management business and the licensed pest management technician(s).

The local government or port authority may have local laws, policies and additional approvals process to approve and / or amend permitted activities in their jurisdictions. Where possible DoH will try to assess and review an application in conjunction with the respective responsible agency(s). There are other agencies who may also be involved with fumigation activities including various national and state agencies, such as Department of Agriculture and Water Resources (Commonwealth), Department of Mines Industry Safety and Regulations (WA) WorkSafe and Dangerous Goods sections. A submission checklist is provided in Appendix 2 to assist in the identification of other agencies that may need to give approval for the site.

#### **4.1 Conditions of Approval**

Approval may be granted for single fumigations, for a specified period, or be ongoing until approval is revoked. A number of specific conditions may also be imposed with the approval and these must be followed. These will be specified on the approval letter.

Fumigation sites may be periodically audited and any non-compliance with any of the approval conditions may result in regulatory action being taken.

#### **4.2 Notification required for changes**

Approval is given to a Registered Pest Management Business to perform fumigation at a specific site. The Chief Health Officer, Department of Health or their delegate, should be notified of any significant changes to the fumigation activities, including:

- location of fumigation site on the property
- expansion of fumigation site
- relocation of fumigation activities to a different address
- fumigants used
- the contracted Registered Pest Management Business undertaking the fumigation activities
- the business/person in control of the workplace.

Risk assessments and fumigation plans will need to be updated to include any changes. Some changes may require an updated approval.

**Fumigation site approvals are not transferrable to other Registered Pest Management Business'**

Where fumigation activities are no longer undertaken at a site, the Chief Health Officer at the Department of Health or their delegate must be informed by all parties involved, including any third party workplace in control of the fumigation site.

## 5 Fumigation Plan

A fumigation plan must be completed for each, separate fumigation site. The fumigation plan should include the information identified in the headings below and either incorporate or attach a risk assessment. Where an existing workplace procedure (e.g. permit to work system, site emergency procedures or other safe operating procedure) is utilised as part of the fumigation process this should be appropriately referenced in the fumigation plan and included as part of workplace induction/training.

### 5.1 Roles and Responsibilities

Persons with specific roles and responsibilities, including those not directly involved in the fumigation, such as: security personnel; emergency responders; managers, etc. must be identified and receive appropriate supervision, training and information.

DoH suggests the fumigation plan lists all Licensed Pest Management Technicians (LPMTs) who may participate in fumigation activities at each fumigation site, including relief personnel. The listed LPMTs must be endorsed for the fumigation activity on their licence. If required, the LPMTs may need to complete an amendment to change and update their licence to ensure they are approved to conduct the fumigation activity. It is the registered pest management business' responsibility to assess and maintain a copy of all the listed LPMTs' and qualified persons' licences and qualifications

**LPMTs undertaking fumigations must be employed by an approved registered pest management business.**

The LPMT in charge of the fumigation, known as the fumigator in charge, must be given written authority to control the fumigation and activities undertaken within the nominated exclusion/risk areas. In addition, the fumigator in charge must be able to take charge during a fumigation emergency and be available to advise the Incident Controller for emergencies extending outside the exclusion/risk area. This person is responsible for all qualified persons and must ensure that they have received the appropriate instruction in safe work procedures, use of the fumigant, selection, use and maintenance of personal protection, first aid and incident response.

### 5.2 Items to be fumigated

Provide a description of the items to be fumigated including any packaging containers and maximum quantities that will be handled, stored and treated.

### 5.3 Description of Fumigant(s)

Provide information on each fumigant that will be used. Include the:

- product name and supplier
- safety data sheet
- label Information
- formulation (% active ingredients)
- type of storage containers and maximum quantities stored on site.
- storage location and controls in place (e.g. temperature control, ventilation, security)
- use location and description of controls in place during use (e.g. ventilation, security).

The information in the safety data sheet and label must be used to complete the risk assessment and fumigation plan.

## **5.4 Location of fumigation site**

### **5.4.1 Selecting a location**

In selecting a suitable location, consideration should be given to ensuring sufficient separation and buffer distances around risk areas. If expansion of fumigation activities is likely, surrounding activities/buildings and future plans should be considered to ensure the extended separation and buffer distance requirements can be met.

Adjacent land uses need to be listed in the fumigation plan and on the Fumigation Application Form. This information is important for the DoH review of the application. All uses should be listed, including workplaces, public open spaces and potential neighbouring sensitive receptors, such as residents or educational and care facilities.

The risk assessment and fumigation plan should consider and manage the potential for fumigants to adversely impact the health of the public and the environment. Nearby public drinking water catchments, recreational waterbodies, undulations of the land where fumigants may become “trapped” or other environmental considerations must be identified.

The fumigation site should be away from sources of heat and open flames and food storage and preparation areas.

### **5.4.2 Buffer Distance**

DoH will not approve fumigation sites located within 100 metres from a proposed fumigation site to the boundary of the nearest adjacent sensitive receptor (such as residents).

### **5.4.3 Exclusion and Risk Areas**

The exclusion and risk areas should be determined by the Pest Management Business (PMB) and fumigator in charge based on the risk assessment and site specific management objectives. All the minimum separation distances, outlined in the sections below, must be met.

In some circumstances, where fumigation may impact other workers at a site, or adjacent site, it may be necessary to restrict fumigations to specific times, such as after business hours or on weekends.

#### **5.4.3.1 Risk Area**

The dimensions of the risk area should be set as indicated by the risk assessment, taking into account site specific information and the fumigant(s) in use.

The risk area should not be less than the following minimum distances outlined Section 69 of the Pesticide Regulations and Section 2.6 of AS 2476-2008:

- Sheet fumigation requires 3 metres on every side of the cordoned off area.
- External fumigation enclosures with unrestricted airflow outside the enclosure require 3 metres.
- Internal fumigation enclosures (e.g. inside a warehouse) require 6 metres.

The extent of the risk area should be measured from boundary of the fumigation enclosures and sources of the fumigant, including the fumigation supply, recirculation and extraction system. The fumigator in charge and qualified person(s) should maintain visibility of the fumigation treatment area.

### 5.4.3.2 Exclusion Area

An exclusion or restricted area needs to be established around the fumigation treatment site. A minimum 30 metre exclusion area (also sometimes referred to as a buffer area) is recommended from where the fumigant is in use to any other workers or work activity. This area is under the control of the fumigator in charge from the time of preparation for fumigation until the area has been cleared for re-entry and may include their operations workspace. Other than appropriate LPMTs and qualified persons, no one is permitted to access the exclusion area during fumigation.

The exclusion area needs to extend beyond the risk area to ensure that the LPMT has an operational area around the risk area to monitor the fumigation.

The area in which the license technician and qualified person(s) are working in during a fumigation may include a temporary office or a mobile pest management vehicle within an exclusion area. In such cases, there should be at least a 10 metre separation between the operations workspace and the nominated risk area.

Signs should be placed on the perimeter of the exclusion areas at the main access points. The sign should be a “danger” sign that complies with the Pesticide Regulations and *AS 1319-1994 Safety signs for the occupational environment* and should include the words “DANGER KEEP OUT” in red capital letters not less than 150mm high and either FUMIGATION UNDER SHEET IN PROGRESS” or “[PREMISES/VESSEL/ SILO/etc.] BEING FUMIGATED” in capital letters not less than 50mm. The name of the fumigator in charge should also be provided in capital letters, not less than 100 mm high.

A placard of the fumigant in use is recommended for safety information and emergency response.

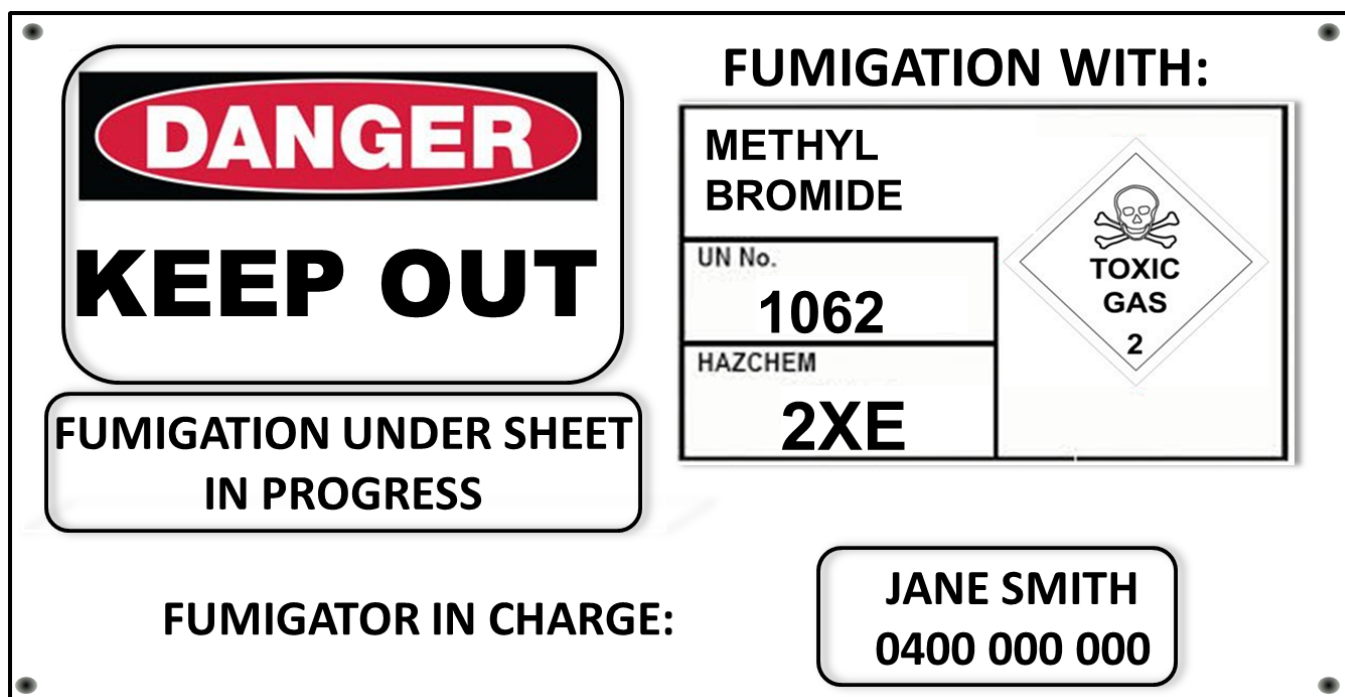


Figure 1 Example of a fumigation sign combined with relevant information - fumigant, fumigator in charge or method of fumigation can be changed.

#### 5.4.4 Security

Security provisions for the fumigation enclosure and Exclusion Area should be assessed during the risk assessment and may include permanent or temporary fencing, gates or other security measures. Where necessary, to ensure security and restricted access, an additional person should be engaged for security only, to prevent persons or vehicles entering the Exclusion Area. This person should not enter the risk area and is required to be present from the introduction of the fumigant into the enclosure until clearance.

Any fumigant kept at the site must be in a locked storage area or facility. The plan should outline the security measures in place for access.

#### 5.4.5 Fumigation location details

The fumigation plan will need to contain the following minimum information on the site location, design of the fumigation enclosure and associated plant and infrastructure and fumigant storage facilities:

- street address
- location and dimensions of the fumigation site and nominated risk and exclusion areas
- location of fumigation enclosures, storage areas and workspaces
- separation distances from identified receptors (receptors include any persons, workplaces or buildings not associated with the fumigation as well as neighbouring properties – see [Selecting a Location](#))
- the design and construction of the fumigation area/chamber along with the associated plant, equipment and infrastructure:
  - surfaces (e.g. quality, level, smooth, impervious, free from cracks, away from drains)
  - ventilation design (ducting, inlets and outlets, fans, openings)
  - ventilation criteria (flowrates, face velocities, temperatures, design room air changes)
  - fumigant delivery/recirculating/recapture system
  - lighting, power and water supply (clean up, emergencies)
  - emergency eye wash/shower
  - entry/exits, openings and seals
- location of fixed monitoring devices.

Scaled figure(s) of the dimensions of the fumigation site and distances from receptors should be submitted with all applications. Figures should also be provided of the fumigation enclosure layout, floor and elevation plans and schematic drawings of the associated plant and infrastructure. All figures provided should be clearly detailed and legible with measurements.

## 6 Risk Assessment and Safe Work Procedures

A risk assessment is required for all fumigation activities. The risk assessment will inform the fumigation plan and may be used to develop site specific safe work procedures for training and operational purposes. Safe work procedures can be used to ensure that all precautions and tests are undertaken in accordance with the fumigation plan.

The *Fumigation Approvals - Assessment and Control of Risks* document provides specific criteria to be addressed when completing the risk assessment.

Any requirements arising from the risk assessment must be included in the fumigation plan and safe work procedures. Any existing safe work procedures or permit to work systems that apply



to the fumigation activities should be referenced in the fumigation plan. The following information should be considered for the site-specific details included in the relevant documents:

- relevant permit to work, isolation and tagging procedures
- restriction of entry in the fumigation area to licensed technicians and qualified persons
- restriction of all fires and naked lights, including hot work, in the vicinity of the fumigation.
- safe handling, disposal and collection of the fumigant and all associated waste materials either by a licensed waste removalist or through the supplier
- days and time that fumigations may occur and any restrictions
- number of people involved in the fumigation and their role (a minimum of two people are required during the introduction and removal of the fumigant)
- automated processes and emergency overrides
- leak detection
- venting provisions
- gas monitoring during injection, fumigation and ventilation of the fumigation area/chamber
- gas measurement equipment, monitoring locations and clearance levels
- scheduling of specific activities
- notification of surrounding potential receptors adjacent to the exclusion area.
- ongoing review/supervision of conditions during fumigation to ensure any new/additional risks are controlled/reduced.

## 6.1 Special considerations

Identify any special considerations for hazards that may be encountered during fumigation. For example:

- weather conditions (ambient temperature, wind direction, adverse weather events)
- available shelter/protection
- surrounding activities/work processes
- emergency conditions
- working at heights and/or confined space entry procedures
- management of other hazardous materials
- noise and dust
- electrical safety (only intrinsically safe equipment e.g. torches, gas monitoring equipment should be used).

The fumigation plan may have predetermined unfavourable conditions for injection and aeration.

## 7 Clearance process

Once the fumigation has been completed, the following clearance checks must be completed and pass set criteria prior to reopening the exclusion area.

- confirmation that venting provisions in the fumigation plan have been met
- concentration of fumigant in the risk area
- concentration of fumigant inside the enclosure at representative testing points (with mechanical venting turned off)
- concentration of residual fumigant inside the fumigation enclosure at the nominated time allowed for desorption and redistribution of the residual fumigant
- removal of all unused fumigant and equipment/materials/waste from the fumigation area

- concentration of the residual of the associated waste material off site prior to it safely leaving the site.

The risk assessment process be used to determine testing methodology and should consider the potential for the fumigant to collect or be trapped in spaces within the fumigation enclosure.

Only the fumigator in charge can permit access/re-entry once all tests have been completed and passed and a clearance report issued. An example clearance report is provided in Appendix 1; exposure standards are available from: <http://hcis.safeworkaustralia.gov.au/>

## 7.1 Testing Requirements

### 7.1.1 Gas monitoring

Appropriate gas monitoring equipment should be selected in accordance with the risk assessment, the range of concentrations required to be measured (e.g. for effective fumigation, exposure standards, leak detection) and the means of testing (fixed or hand-held).

All gas monitoring equipment should be calibrated and maintained in accordance with the supplier/manufacture recommendations and good practice.

All gas monitoring equipment is to pass a “bump” test prior to use. DoH recommends a spare / replacement set of monitoring equipment is available for back up (when main monitoring equipment is being serviced, is damaged or fails bump test).

The LPMT or authorised persons using the equipment must have received training in calibration, use and limitations of the equipment and in how and where to test.

A record should be kept of the calibration and maintenance of equipment and the clearance testing results.

### 7.1.2 Leak Testing

The methodology for leak testing should be included in the fumigation plan. Leak testing prior to fumigation is required to check the gas-tightness of the enclosure. Pressure testing of fumigation enclosures may be undertaken (approximate every 6 months if located outside and every 3 months if located inside another building).

Test certificates should be kept for a set period of time that is identified in the fumigation plan.

The LPMT should conduct a pre-inspection of the enclosure and seals prior to each fumigation.

## 8 Personal protective equipment and clothing

Fumigation enclosures and processes should be designed to avoid persons being exposed to high concentrations of fumigants. This can normally be achieved through the implementation of process and engineering controls that allow the application and venting of the fumigant from outside of the enclosure.

Self-contained breathing apparatus should be used when there is a risk of encountering a high concentration of gas during emergency incidents (i.e. where entry into the enclosure is required for emergency/incident response and oxygen levels may be insufficient).

Where low levels of fumigant may be present outside of fumigation enclosures (where oxygen is also normally present) then filtered respiratory protection may be selected in accordance with the MSDS, label and risk assessment.

All persons required to wear respiratory protection must be trained in its selection, use, fitting, maintenance, cleaning and storage and in filter shelf life.

All persons required to wear a face fitting respirator should be fit tested in accordance with AS 1715.

All other personal protective equipment and clothing may be selected in accordance with the MSDS, label and risk assessment and personal trained in its use.

## 9 Emergency Procedures

Emergency situations outside of the fumigation exclusion area may require emergency ventilation of the enclosure. In addition, an incident may occur within the exclusion area. Emergency procedures should cover both scenarios.

The incident response procedure should be specific to the fumigation activity, though the process may integrate and reference an existing emergency plan, either in part or whole. The emergency procedure should clearly outline when the fumigator in charge is the incident controller and when and how responsibility is transferred where a fumigation emergency incident extends beyond the boundary of the fumigation area.

Suitable emergency communication equipment needs to be provided and tested for use (e.g. two-way radio). Emergency procedures should include all up to date contact details for site emergency responders, fire and emergency services, local hospital, police and other appropriate bodies.

## 10 Records

- fumigation plan
- emergency procedure
- risk assessment
- approval and conditions of approval
- name of licensed technician, copy of licence and other people present
- fumigation certificate signed by the fumigator in charge with contact details provided
- gas clearance certificate
- treatment details
  - vessel name, destination and number of holds fumigated
  - commodity and quantity
  - date and time
  - fumigant, rate of application, duration and temperature
  - equipment used (including gas monitoring equipment and calibration certificates) (permit to work).

## 11 Granting Approval

Approval may be provided for one of the following time periods:

- a single fumigation event
- for a specified time
- until revoked.

Specific conditions may be applied to the approval. These conditions must be met prior to any fumigation activities.

## 12 Health Surveillance

It is recommended that all personnel involved in fumigations and who are required to use face fitting respiratory protection are included in a health surveillance program.

For more information on the health surveillance see <https://www.commerce.wa.gov.au/worksafe/health-surveillance>.

## 13 Compliance

An Authorised Officer can request to see the fumigation site's risk assessment, fumigation plan and emergency response procedures at any time. Including information on any related workplace procedures and safe systems of work related to the fumigation activity at the site.

Training records, records of completed fumigations and clearance certificates will also need to be kept for review by an authorised officer. It is expected that these records are kept for a minimum of 3 years.

### 13.1 Incident notification

The fumigator in charge must notify the CHO immediately of any harm, injury or death associated with fumigations.

If an incident occurs and you are in doubt as to whether notification is required, it is best to report it. Reports can be made by telephone 9222 2000 or email: [pesticidesafety@health.wa.gov.au](mailto:pesticidesafety@health.wa.gov.au) or after hours (08) 9328 0553.

## 14 Glossary

**Fumigant** means a registered pesticide that contains one or more of the following active constituents:

- chloropicrin
- 1,3 dichloropropene
- enthanedinitrile
- ethyl formate
- ethylene dibromide
- ethylene oxide
- methyl bromide
- phosphine
- sulfuryl fluoride.

**Fumigation** means a pest management treatment that involves the use of a fumigant in a gaseous form.

**Fumigator In-Charge:** A licensed pest management technician who has control and authority of the fumigation site and surrounding areas during a fumigation; from the preparation, preoperative checks through to completion of fumigation and the clearance and release of the commodity. This person must be employed by the registered pest management business authorised for fumigation at the site.

**Buffer:** The 100m minimum distance applied to any sensitive receptors such as residential areas, education and care facilities, public drinking water catchment areas, and areas where the public may visit or attend that has low laying topography or features that may "hold onto" the fumigant residue e.g. ponds, tunnels etc.

**Exclusion Area:** The area under the control of the fumigator in charge and with access restricted to qualified persons participating in the fumigation.

**Impervious:** Does not allow fumigation gas to penetrate or pass through.

**Licensed Pest Management Technician (LPMT):** A person holding a current licence and endorsed for fumigation under Part 3 of the Health (Pesticide) Regulations 2011.

**Qualified Person:** also known as the **Qualified Fumigator's Assistant**, a person who understands the risks associated with fumigation and has been trained in how to complete a fumigation in accordance with the fumigation plan, use risk control measures and respond to fumigation emergencies.

**Fumigation Business Owner or Registered Proprietor:** This is the owner proprietor and/or managing director of the registered pest management business who is granted conditional approval to fumigate at a nominated site. – See HPR Reg3

**Fumigation Enclosure:** An enclosure in which a chemical, in gaseous form, is deliberately released for the purpose of fumigation.

**Risk Area:** A minimum area from where the fumigant is being applied that allows for unrestricted air movement.

**Workplace:** A workplace is a place where work is carried out for a business or undertaking and includes any place where a worker goes, or is likely to be, while at work.

# Appendix 1: Example Clearance Report

## FUMIGATION CLEARANCE CERTIFICATE

### COMPANY DETAILS (Pest Management Business (PMB))

Certificate number:  PMB Registration number:

### TARGET OF FUMIGATION DETAILS

Target of fumigation:  Commodity  Packaging  Commodity and Packaging

Commodity:..... Quantity: .....

### TREATMENT DETAILS

Date fumigation completed: ...../...../..... Fumigation Site: .....

Fumigant Active Ingredient: ..... Concentration: .....

Prescribed dose rate (label) (g/m<sup>3</sup>): ..... Exposure period (hrs): .....

Forecast minimum temp (°C): ..... Applied dose rate (g/m<sup>3</sup>): .....

How was the fumigation conducted?  Unsheeted container  Chamber  Sheeted Container  
 Presssure tested container  Vessel  Sheeted Stack

Container/Building/Vessel Name/Number (where applicable): .....

Does the target of the fumigation conform to the plastic wrapping, impervious surface and timber thickness requirements at the time of fumigation? Yes  No

### GAS MONITORING RESULTS

Date	Time	Location (risk area / enclosure / goods)	Measured Concentration (include units, e.g. ppm, mg/m <sup>3</sup> )

### DECLARATION

By signing below, I, the Licensed Pest Management Technician responsible, declare that these details are true and correct and that the fumigation and enclosure area is now safe for re-entry.

Name of Licensed Pest Management Technician..... Licence Number.....

Signature ..... Date.....

## Appendix Two

### Application Submission Checklist

Overall DoH Submission Checklist	Y/N or N/A
<p><b>Does your fumigation plan comply with legislation and relevant Standards?</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Health (Pesticides) Regulations 2011</a></li> <li>• <a href="#">Department of Primary Industry and Resources ICA-04 WA</a></li> <li>• <a href="#">Department of Agriculture and Water Resources Standards and Documents for Biosecurity Treatments</a></li> </ul>	
<p>The Form is signed and dated by registered proprietor of the Pest Management Business (PMB) and licensed fumigator in charge,</p>	
<p>All qualified person(s) are trained in the following:</p> <ul style="list-style-type: none"> <li>• first aid training that includes CPR</li> <li>• fumigation procedures</li> <li>• emergency procedures</li> <li>• fitted and trained in the selection, use and maintenance of respiratory protective equipment.</li> </ul>	
<p>A separate application form has been submitted for each fumigation site</p>	
<p><b>Detailed</b> site maps, figures and plans are attached with all measurements in standard meters, millimetres.</p>	
<p>All relevant parties including client / person in control of the workplace (CEO/Managing Director) and Site Manager have reviewed and signed the application form</p>	
<p>A site-specific detailed risk assessment has been completed and documented</p>	
<p>A site-specific detailed fumigation plan has been completed and documented</p>	
<p>A detailed site-specific Emergency Management Plan (EMP) specific for the Fumigant(s) and fumigation activity(s) on the site has been completed and documented.</p>	
<p>Other agency mandatory approvals are attached to the application [Select all that apply]</p> <ul style="list-style-type: none"> <li>• Department of Health WA (DOH)</li> <li>• Local Government (LG)</li> <li>• Port Authority (PA)</li> <li>• Dept of Primary Industry and Regional Development WA (DPIRD)</li> <li>• Dept of Agriculture and Water Resources Cwth (DAWR)</li> <li>• Dept of Mines Industry Regulation &amp; Safety WA (DMIRS) – WorkSafe &amp; DG</li> <li>• Other _____ e.g. Department of Water and Environmental Regulation (DWER)</li> </ul>	
<p><b>Fumigation Trials /Research</b></p> <p>A Minor Use Permit has been obtained from the Australian Pesticides and Veterinary Medicines Authority Minor Use Permit</p>	

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