

Permit for Vessel Fumigation or Pesticide Application (FPA) must be lodged a minimum of five working days prior to commencement. This permit is to be jointly approved by a representative of the Safety or the Environment Teams.

**Submit to:** [port.environment@southernports.com.au](mailto:port.environment@southernports.com.au)

Note: Authorisation of FPA for vessels in-transit is managed by Australian Maritime Safety Authority (AMSA) and Australian Pesticide Veterinary Medicines Authority (APVMA) are NOT covered by this permit. Please contact AMSA for further information at [dangerousgoods@amsa.gov.au](mailto:dangerousgoods@amsa.gov.au) and APVMA at [enquiries@apvma.gov.au](mailto:enquiries@apvma.gov.au)

### Section 1: Applicant Details

Company Name			
Licenced Technician's Names		24hr Contact Number	
Email Address:			
Address			

### Section 2: Ship Details

Shipping Agent Name & Company:		Shipping Agent Contact No	
Vessel Name		Berth No. or Anchorage	
Vessel Master Contact Name:		Vessel Master Contact No	

### Section 3: Permit Event

Proposed Start Date:		Proposed Completion Date:	
Proposed Start Time:		Proposed Completion Time:	
Holds to be treated:			
Type of FPA to be Used?			
Will the FPA be conducted in line with the Health (Pesticides) Regulations 2011 and other relevant legislation, Codes of Practice and Australian Standards?			<input type="checkbox"/> Yes <input type="checkbox"/> No
Will all non-essential personnel (e.g. stevedores, shipping agents) be asked to leave the vessel prior to commencing FPA?			<input type="checkbox"/> Yes <input type="checkbox"/> No
Vessel Exclusion Zone Required?	<input type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, Size Exclusion Zone (metres) & conditions	
Will Vessel be Immobilised?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Hours of Immobilisation	
Will weather be monitored and factored into JHA?	<input type="checkbox"/> Yes <input type="checkbox"/> No		

<b>Section 4: Permit Requirements - please provide the following information (attached to permit application)</b>			
		<b>YES</b>	<b>NO</b>
Current Pest Management Business Registration Certificate issue by WA Department of Health (DoH)		<input type="checkbox"/>	<input type="checkbox"/>
Current Pest Management Technician Licenses issued by the DoH & the required endorsements for all personal intending to undertake the Scope of Work		<input type="checkbox"/>	<input type="checkbox"/>
Current Safety Data Sheet (SDS) for the product within 5yrs of issue date		<input type="checkbox"/>	<input type="checkbox"/>
Has a Job Hazard Analysis (JHA) has been completed and signed by all technicians undertaking the job?		<input type="checkbox"/>	<input type="checkbox"/>
<b>FUMIGANTS ONLY except for methyl bromide refer to attached Procedure A</b>			
Fumigation Plan provided including emergency contingencies?		<input type="checkbox"/>	<input type="checkbox"/>
Risk assessment provided as per Division 3 S.70 of the Health (Pesticides) Regulations 2011?		<input type="checkbox"/>	<input type="checkbox"/>
DoH approval for the Port's berths to conduct the fumigation activity?		<input type="checkbox"/>	<input type="checkbox"/>
<b>Section 5: Southern Ports Assessment</b>			
		<b>YES</b>	<b>NO</b>
1	Is the pesticide being used, current & registered with the Australian Pesticides & Veterinary Medicines Authority (APVMA) for this use? Check <a href="http://www.apvma.gov.au/pubcris">www.apvma.gov.au/pubcris</a> . If No, company needs to apply to APVMA for specific use of the pesticide PRIOR to its use for this event	<input type="checkbox"/>	<input type="checkbox"/>
2	FUMIGANTS ONLY - Has a Safety Alert been issued prior to the fumigation commencing, particularly if a vessel is being vented and/or exclusion zones are required?	<input type="checkbox"/>	<input type="checkbox"/>
3	FUMIGANTS ONLY – Does the Fumigation Plan, risk assessment, JHA, SDS and emergency plans provided satisfactorily cover all relevant safety and environmental risks?	<input type="checkbox"/>	<input type="checkbox"/>
<b>Section 6: Southern Ports Terms and Conditions</b>			
<ol style="list-style-type: none"> <li>FPA must be conducted in line with the Western Australia Health Act 1911, Health (Pesticides) Regulations 2011, Western Australian Poisons Act 1964, Agricultural and Veterinary Chemicals Act 1994, the Pest Management Technician's Licence, relevant codes of practice, Australian Standard AS2476-2008 General fumigation procedures any other current relevant legislation.</li> <li>Applicants are responsible for carrying out FPA in the manner as approved by this Permit. Southern Ports may withdraw this permit at any time if unsafe work practices are observed or reported.</li> <li>No work can commence until the signed approval from Southern Ports has been received and any additional condition requirements have been met.</li> <li>Applicants are responsible for completing a Southern Ports Master Permit to Work, and other relevant security and safety requirements prior to commencement of the FPA</li> <li>The permit is to be held by the contractor on site at all times during the works.</li> <li>Any safety or environment incidents or damage during works must be reported to Southern Ports supervisors at the port immediately</li> <li>All personnel accessing Southern Ports berths are required to have completed a port access induction and hold a Maritime Security Identification Card (MSIC). Both cards must be carried on your person at all times. Visitor's pass maybe obtained but all visitors must be escorted at all times by a holder of a current MSIC.</li> </ol>			

<b>Section 7: Southern Ports Specific Conditions or General Comments</b>			
<b>IN AN EMERGENCY PLEASE CALL THE TERMINAL SUPERVISOR (0447 838 290)</b>			
<b>Section 8: Applicant / Contractor Statement of Acknowledgement</b>			
I can confirm the FPA has been conducted in accordance with:			
<ul style="list-style-type: none"> <li>• Southern Ports Requirements to manage risks and work safely using documented safe systems of work;</li> <li>• Required permits and licences.</li> </ul>			
Company Representative Signature			
Representative Name			
Position in Company			
Date & Time			
<b>Section 10: Southern Port Authority Representative Statement of Approval</b>			
I am satisfied that the contractor information provided to me is sufficient to show that the contractor has a system in place to fulfil their legal obligations to conduct works in a safe manner. This Permit to Work is approved subject to any conditions listed above but can be withdrawn if unsafe work practices are observed.			
<b>Environmental/Safety Representative</b>			
Signature			
Name:			
Date & Time			
<b>Section 11: Southern Port Authority Representative Statement of Completion</b>			
I acknowledge the requirements of FPA were carried out according to the permit.			
	<b>Yes</b>	<b>No</b>	<b>Comments</b>
<b>Clearance Certificate Provided &amp; Attached</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Any Incidents or Issues</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Company Representative Signature</b>			
<b>Representative Name</b>			
<b>Position in Company</b>			
<b>Date &amp; Time of Completion</b>			

## **PROCEDURE A – METHYL BROMIDE FUMIGATION**

The conditional approval from the State Department of Health specifies the legal controls for the licenced fumigator to apply methyl bromide at the Port of Esperance. Southern Ports – Esperance requires the following additional actions to be undertaken but in the event of any conflict, the approval conditions take priority:

### **1. Application to Fumigate**

- 1.1. No fumigation may take place on a vessel in Port waters without a current permit issued by Southern Ports. The permit must be submitted a minimum of two working days prior to scheduled fumigation.
- 1.2. Once the need to fumigate is determined, the fumigator must lodge an application for a Fumigation Permit. The permit application must include:
  - A copy of the fumigator's licence;
  - State Department of Health approval;
  - A Certificate of Hatch Sealing from an independent marine surveyor;
  - A safety data sheet (SDS);
  - A fumigation plan (see Section 2);
  - A risk assessment (see Section 3);
  - A copy of AMSA notification.

### **2. Fumigation Plan**

- 2.1. A fumigation plan must be submitted for each fumigation in compliance with AS2476-2008 (Part 2.2). The plan should include:
  - Product to be fumigated and justify need to use methyl bromide in the Port;
  - Location, exclusion zone and risk area;
  - Exposure and venting procedures;
  - Emergency response procedures;

### **3. Risk Assessment**

- 3.1. A site specific risk assessment shall be completed by the fumigator to determine any hazards which may be present, the potential consequences and the appropriate control measures as per AS2476-2008 part 2.3.
- 3.2. A generic risk assessment may be utilised where the fumigation being carried out is similar to previous work in terms of location, material, goods etc.,

### **4. Safety of Vessel Crew**

- 4.1. The fumigator is to provide the Master with written instructions on the type of fumigant, hazards to human health and precautions to be taken. It is the fumigator's responsibility to ensure the Master understands the instructions and has passed this onto the crew.
- 4.2. Evacuation of the space under gas treatment is mandatory. The fumigator is to ensure all doors, windows and other means of access to the fumigation area are closed and securely fastened and a warning sign is attached to each door, window and access point.
- 4.3. The fumigator is responsible for ensuring the Master is aware that the crew on board the vessel:
  - Must remain in an area on the vessel that is away from the area being fumigated;
  - Are trained in using the required respiratory equipment and have access to that equipment;

- Ensure any qualified persons in the exclusion area wear fitted Self-Contained Breathing Apparatus (SCBA) according to relevant standards;
- Know what gas is being used and understand the risks;
- Know what first aid treatment is required and;
- Have on board an instrument capable of monitoring gas levels.

- 4.4. Fumigation shall not commence until the fumigator by personal inspection, has ascertained that no person is within any part of the vessel to be treated with fumigant and this has been confirmed by the Master.
- 4.5. Where it is proposed that the ship is to become immobilised or unmanned, specific approval must be obtained from Southern Ports in writing (this may be in email format).

### 5. Exclusion Zone

- 5.1. In accordance with the DoH approval, the fumigator is to ensure a 15m buffer zone is evacuated and kept clear during fumigation (exclusion zone) and this shall include overhead conveyor galleries and transfer points above the fumigation area.
- 5.2. The fumigation shall be conducted after 3pm on any day, and if practical shall be conducted on a weekend
- 5.3. Signage is to be attached to the exclusion zone barricading to advise of the fumigation.
- 5.4. It is the responsibility of the fumigator to ensure that adequate controls are in place to prevent any person inadvertently entering the exclusion zone during ventilation.
- 5.5. The fumigator is to advise the Southern Ports as soon as ventilation is complete and the exclusion zone can be lifted.

### 6. Advice to Others in the Area

- 6.1. The fumigator is responsible for ensuring that the vessel Master, crew, agent and night watchman are advised of the following:
- Date and time of fumigation and venting;
  - Type of fumigant;
  - The exclusion zone;
  - The date and time the 'all clear' is expected.
- 6.2. Upon authorisation, Southern Ports will issue a Safety Alert to port users and staff detailing the fumigator, subject vessel, product, proposed date/time and specific conditions in place (if any).
- 6.3. The fumigator is to notify the Emergency Services and the Shire before fumigation works commence and on their completion.

### 7. Watchperson to be Posted

- 7.1. It is the responsibility of the fumigator to ensure a watchperson is posted to prevent unauthorised boarding or entry to the exclusion zone.
- 7.2. The fumigator must also advise the watchman of what to do in an emergency and contact numbers should an emergency occur.

### 8. Warning Signs

- 8.1. The fumigator is required to erect at each means of access to the fumigated area a sign or notice with the words:
- “DANGER KEEP OUT – VESSEL BEING FUMIGATED”
- 8.2. The sign must also contain the name of the fumigant being used and the emergency contact details of the fumigator.

### 9. Venting Process

- 9.1. It is the responsibility of the fumigator to ensure that all persons likely to be effected by the release of fumigant are aware of the time and are evacuated from the area if required.

### 10. Completion of Fumigation – Gas Free Certificate

- 10.1. Once the fumigation is completed it is the responsibility of the fumigator to advise all persons that are affected and issue a gas-free certificate to the Master. A copy of the certificate is to be provided to Southern Ports.

### 11. Fumigation at Anchorage

- 11.1. Approval must be obtained from Southern Ports where it is intended to fumigate at anchorage.
- 11.2. The risk assessment must address the additional risks in relation to fumigating at anchorage including but not limited to vessel access and egress.

### 12. Disposal of Fumigation Packaging

- 12.1. Any waste packaging from the fumigation process is to be removed from site and disposed of in line with relevant legislation.

**IF YOU ARE EVER UNSURE – ASK YOUR SUPERVISOR!**