# AusTreat – Ethyl formate treatment form

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| **Section A: General information** | | |
| **Purpose of this form:** | Is to apply to become an approved treatment provider under AusTreat for ethyl formate.  If your company’s application is successful, your company will be listed as an ‘approved’ treatment provider on the [List of treatment providers.](https://www.agriculture.gov.au/biosecurity-trade/import/before/prepare/treatment-outside-australia/offshore-treatment-providers) | |
| **Before applying, please read the following:** | * [AusTreat scheme document](https://www.agriculture.gov.au/biosecurity-trade/import/before/prepare/treatment-outside-australia/AusTreat) * [Treatment methodology](https://www.agriculture.gov.au/biosecurity-trade/import/arrival/treatments/treatments-fumigants) applicable to the treatment type(s) your company is applying to conduct. | |
| **To complete this form:** | You must provide evidence and photos for every item listed in **Table 1, Table** **2 and Table 3 that is** applicable to your treatment type(s). Scanned copies of the documentation are acceptable.  Indicate you have provided evidence for each item by ticking either ‘yes’ or ‘N/A’ (not applicable) in the tables below.  Clearly label each document and photo in English. If you have multiple pieces of the same type of equipment, provide evidence identifying each piece of equipment. For example, if you have three concentration monitoring devices you must provide photos showing serial numbers and calibration certificates for each concentration monitoring device. | |
| **Your application must include:** | A completed and signed copy of the AusTreat registration form.  A completed and signed copy of this form.  All supporting evidence detailed in the treatment form(s) which demonstrates your company has the necessary equipment, trained technicians, and treatment procedures to conduct safe and effective treatments.  **Note:** All forms must be completed in English and any documentation must be provided in English or accompanied with an English-translated version of the document. | |
| **Submit your application via email to:** | [Offshoretreatments@aff.gov.au](mailto:Offshoretreatments@aff.gov.au)  The maximum file size per email is 15 MB. You can submit multiple emails if necessary. | |
| **Section B: Company Details** | | |
| **Company (legal entity name):** Click or tap here to enter text. | | **AEI (if applicable):** Click or tap here to enter text. |
| **Section C: Ethyl formate Treatment** | | |
| **Ethyl formate treatment volume** | | |
| **Forecast the number of ethyl formate treatments your company expects to conduct per month under AusTreat:**  Click or tap here to enter text. | | |
| **Equipment guidance** | | |
| **Concentration monitoring and leak detection equipment:** | **Not all concentration monitoring and leak detection devices can detect ethyl formate (EF) and** **carbon dioxide (**CO2**). Indicate against the equipment items the gas or gases the equipment can detect. Images of the front of the device and serial number must be provided.**  **Calibration certification or proof of purchase less than 1 year old must also be provided for each concentration monitoring device and all leak detection equipment.** | |
| **Fumigant dose measurement equipment:** | **Scales** (electronic or mechanical) or weight/volume **dispensers** are used for the dose measurement of fumigant. **Ensure dose measuring equipment is detailed accurately and where electronic scales are used, calibration certification or proof of purchase less than 1 year old must also be provided for each electronic scale.** | |
| **Temperature sensors and data loggers:** | **If your company will not be conducting fumigations when forecast minimum temperatures will be less than 10°C, you should select N/A in the ‘Temperature sensors’ and ‘Temperature data loggers’ rows in Table 3.** | |
| **Threshold Limit Value (TLV) measurement equipment:** | **TLV must be verified as being below 100 parts per million (PPM) for ethyl formate and 5000 PPM for** carbon dioxide**unless a lower concentration is imposed by authorities in the jurisdiction where the fumigation takes place or from the consignment destination.**  **Where stain tubes are used to measure TLV, provide the receipt for the most recent purchase of stain tubes, including the supplier details and an image of your current supply of stain tubes which clearly show the expiry date.**  **Where electronic equipment is used to measure TLV, list the brand/model, serial number and fumigant detected and provide image(s) of the device, including the serial number and calibration certification.** | |

**Table 1 – Gas monitoring and detection equipment**

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| **Brand and model** | **Serial number(s)** | **Detects** | **Function** | **Images of device and serial number attached:** | **Calibration certificate attached:** | **Device manual attached or link provided:** |
| Click or tap here to enter text. | Click or tap here to enter text. | **EF**  CO2 | **Monitor**  **Leak detection**  **TLV check** | **Yes** | **Yes** | **Yes** |
| Click or tap here to enter text. | Click or tap here to enter text. | **EF**  CO2 | **Monitor**  **Leak detection**  **TLV check** | **Yes** | **Yes** | **Yes** |
| Click or tap here to enter text. | Click or tap here to enter text. | **EF**  CO2 | **Monitor**  **Leak detection**  **TLV check** | **Yes** | **Yes** | **Yes** |
| Click or tap here to enter text. | Click or tap here to enter text. | **EF**  CO2 | **Monitor**  **Leak detection**  **TLV check** | **Yes** | **Yes** | **Yes** |
| Click or tap here to enter text. | Click or tap here to enter text. | **EF**  CO2 | **Monitor**  **Leak detection**  **TLV check** | **Yes** | **Yes** | **Yes** |
| Click or tap here to enter text. | Click or tap here to enter text. | **EF**  CO2 | **Monitor**  **Leak detection**  **TLV check** | **Yes** | **Yes** | **Yes** |

**Table 2 – Registration requirements**

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| **Requirements** | | **Completed or attached** |
| **Technicians** | **Complete Table 4 ‘AusTreat Technician Details’, of this application form with details of ethyl formate treatment technicians employed by the company.** | **Yes** |
| **Fumigant** | **Is your company using pre-mixed ethyl formate and carbon dioxide as an application method?**  **Yes or  N/A**  **If yes, provide the following:**   * **Receipt of your most recent purchase of fumigant including the supplier’s details and details on how you manage your inventory (e.g. usage log).** | **Yes** |
| **Is your company mixing ethyl formate and carbon dioxide onsite as an application method?**  **Yes or  N/A**  **If yes, provide the following:**   * **Receipt for your most recent purchase of ethyl formate and carbon dioxide including the supplier’s details and details of how you manage your inventory (e.g. usage log).** * Details on the process of mixing onsite and images of the process and equipment used. | **Yes** |
| **Forecast temperatures** | **Will your company be conducting treatments when the forecast minimum temperatures will be less than 10°C?**  **Yes or  N/A**  **If yes, provide evidence of how your company will maintain a temperature of 10°C or above for the entire exposure period, e.g. heaters/heating systems, temperature sensors and/or temperature data loggers.** | **Yes** |
| **Practices** | **Which method(s) will your company use to conduct treatments under AusTreat?**  **Un-sheeted enclosure (E.g. containerised treatments)**  **Sheeted enclosure (E.g. sheeted stack or sheeted container)**  **Large enclosure (enclosure greater than 1000m3)**  **Fumigation chamber** |  |
|  | For **un-sheeted** **enclosure** treatment (e.g. containerised treatments), at least two (2) images must be provided, showing:   * The internal set-up of the treatment with the locations of the supply pipe, fans, and monitoring tubes visible. * The external set-up of the treatment with all equipment (e.g. scales, monitoring tubes, fumigant with supply system attached) visible. |  |
|  | **For sheeted enclosure treatment, at least two (2) images must be provided, showing:**   * **The internal set-up of the treatment with the locations of the supply pipe, fans, and monitoring tubes visible.** * **The external set-up of the treatment with all equipment visible (e.g. scales, monitoring tubes, fumigant with supply pipe attached vaporiser, sheets and sand snakes).** | **Yes** |
|  | For **large enclosure** greater than 1000m3 an example of a treatment plan which demonstrates how large enclosure treatments are carried out. The treatment plan must include:   * Images or videos showing the locations of the supply pipe(s), fans or equipment used to circulate the gas and establish equilibrium, and monitoring line placements for all monitoring locations. * Images or videos showing the external features of the treatment including the scales or other dose measuring equipment, monitoring tubes and site where readings are taken, fumigant with supply system attached, and power for heating, fans, vaporising equipment or other fumigation equipment if used. | **Yes** |
|  | **For chamber fumigation, at least three (3) images or document(s) must be provided, showing:**   * **The internal set-up of the treatment with the locations of the supply pipe(s), fans, and monitoring tubes visible.** * **The external set-up of the treatment with all equipment (e.g. scales, monitoring tubes, fumigant, and supply system) visible.** * **Separate images are required for each chamber that will be used for fumigations** * **Pressure test** * **Site map outlining the location and number of each chamber** | **Yes** |
| **Equipment** | **Complete Table 2 ‘Registration requirements’ and Table 3 ‘General fumigation equipment’, listing the general fumigation equipment and quantity used by the company under AusTreat.** | **Yes** |

**Table 3 – General fumigation equipment**

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| **Fumigation equipment** | | **Quantity of equipment** | | **Images of equipment attached** | **Calibration certification attached\*** | |
| **Fumigation chamber(s):** | | Click or tap here to enter text.  **or  N/A** | | **Yes** | **\*Pressure test for chambers** | |
| Equipment used to turn the fumigant from liquid to gas (e.g. vaporiser) | | Click or tap here to enter text.  **or  N/A** | | **Yes** | **N/A** | |
| **Fumigant dose measuring equipment:**  **Electronic scales** | | Click or tap here to enter text.  **or  N/A** | | **Yes or  N/A** | **Yes or  N/A** | |
| **Mechanical scales** | | Click or tap here to enter text.  **or  N/A** | | **Yes or  N/A** | **Yes or  N/A** | |
| **Dispensers (e.g., sight glass):** | | Click or tap here to enter text.  **or  N/A** | | **Yes or  N/A** | **Yes or  N/A** | |
| **Fumigation sheets/tarps** | | Click or tap here to enter text.  **or  N/A** | | **Yes or  N/A** | **N/A** | |
| **Heaters (excluding fixed chamber set-ups)** | | Click or tap here to enter text.  **or  N/A** | | **Yes or  N/A** | **N/A** | |
| **Equipment used to circulate fumigant (e.g. fans)** | | Click or tap here to enter text. | | **Yes or  N/A** | **N/A** | |
| **Temperature data loggers (if applicable)** | | Click or tap here to enter text.  **or  N/A** | | **Yes or  N/A** | **Yes or  N/A** | |
| **Temperature sensors (if applicable)** | | Click or tap here to enter text.  **or  N/A** | | **Yes or  N/A** | **Yes or  N/A** | |
| **Section D: Technician Details** | | | | | | |
| **Provide details of each technician licensed to conduct treatments.**  **Table 4 – Technician details** | | | | | | |
| **Technician Name** | **Ethyl formate** | | **Fumigation license attached** | **EF Stewardship Training Certificate attached** | | **Issued or Expiration date of license / stewardship** |
| Click or tap here to enter text. | **Licensed**  **Stewardship training** | | **Yes** | **Yes**  **N/A** | | **Issued  Expiration date**  Click or tap here to enter text. |
| Click or tap here to enter text. | **Licensed**  **Stewardship training** | | **Yes** | **Yes**  **N/A** | | **Issued**  **Expiration date**  Click or tap here to enter text. |
| Click or tap here to enter text. | **Licensed**  **Stewardship training** | | **Yes** | **Yes**  **N/A** | | **Issued**  **Expiration date**  Click or tap here to enter text. |
| Click or tap here to enter text. | **Licensed**  **Stewardship training** | | **Yes** | **Yes**  **N/A** | | **Issued**  **Expiration date**  Click or tap here to enter text. |

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| **Section E: Privacy Notice** |

**Australian Department of Agriculture, Fisheries and Forestry Privacy Notice**

Personal information is described under the *Privacy Act 1988* meaning personal information or an opinion about an identified individual, or an individual who is reasonably identifiable: whether the information or opinion is true or not; and whether the information or opinion is recorded in a material form or not.

Protected information is described under the *Biosecurity Act 2015* (Act) meaning personal information, or information that is commercial-in-confidence that is obtained under or in accordance with the Act; or is derived from a record of personal information or information that is commercial-in-confidence that was made under or in accordance with the Act; or is derived from a disclosure or use of personal information, or information that is commercial-in-confidence, that was made under or in accordance with the Act.

The department may disclose personal or protected information to overseas regulatory agencies (if applicable) including but not limited to Regional Plant Protection Organisations and National Plant Protection Organisations as referred to in the International Plant Protection Convention and other persons or organisations where necessary for the purposes of administrating AusTreat.

By agreeing to be registered under AusTreat you consent to the disclosure of any personal or protected information, collected as part of AusTreat, to overseas regulatory agencies. The department has not taken steps to ensure that overseas regulatory agencies do not breach relevant legislative requirements or the Australian Privacy Principles. This means that:

* 1. the overseas regulatory agencies may not be accountable under the *Privacy Act 1988* or the *Biosecurity Act 2015*
  2. you may not be able to seek redress under the *Privacy Act 1988* or the *Biosecurity Act 2015*
  3. you may not be able to seek redress in the overseas jurisdiction
  4. the overseas regulatory agencies may not be subject to any privacy obligations or to any principles similar to the Australian Privacy Principles.

See the department’s Privacy Policy to learn more about accessing or correcting personal information or making a complaint. Alternatively, telephone the Australian Department of Agriculture, Fisheries and Forestry on +61 6272 3933 or email the department at [privacy@aff.gov.au](mailto:privacy@aff.gov.au).

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| **Section F: Applicant declaration** | | |
| **I declare that:**   * **The information I have provided is true and correct.** * The company details listed in Section B of the registration application form agrees to meet the requirements of AusTreat. * **I will notify** [Offshoretreatments@aff.gov.au](mailto:Offshoretreatments@aff.gov.au) **if any of the information contained in this application changes.** * **I have read and understood the Privacy Notice and Privacy Policy.** | | |
| **Full name:**  Click or tap here to enter text. | **Signature (type or sign your name):**  Click or tap here to enter text. | **Date (dd/mm/yyyy):**  Click or tap here to enter text. |