

Conditions On Fumigation Category Pesticide Certificates Regarding Use of Fumigant Pesticides (pesticides designed to work as gases)

Fumigation Management Plans

1. For each site¹ where a fumigant will be used or aerated, the certificate holder shall either:
 - a) ensure that a Fumigation Management Plan has been prepared and submitted to the regional delegate of the *Integrated Pest Management Act* Administrator; or
 - b) compile the data required to complete a fumigation management plan before beginning the fumigation and then submit a completed Fumigation Management Plan to the regional delegate of the *Integrated Pest Management Act* Administrator within 7 days after the fumigation has been completed.
2. The certificate-holder must ensure that the fumigation plan includes the following information:
 - a) maps and a written description of the site showing the approximate distances to streets, buildings, areas of human or animal activity, plants that need to be protected, neighbouring properties, ditches, streams and drains;
 - b) specific fumigant(s) to be used;
 - c) site safety and security provisions including:
 - procedures for notifying people of the fumigation;
 - how buffer zones are to be used to prevent unprotected people from approaching the fumigation site
 - locations where warning signs will be posted;
 - d) treatment and aeration procedures to be used;
 - e) procedures to be followed to ensure that fumigant gas levels in the treatment site will not increase above safe levels after the aeration has been completed and the site has been declared safe for re-entry by unprotected workers;
 - f) the names of the people authorized to be involved with any phase of the fumigation, and their duties;
 - g) pesticide residue or waste disposal procedures (e.g. for spent packets of aluminum phosphide);
 - h) on-site location (where applicable) of MSDS and current label information; and
 - i) emergency procedures to be employed to remove an unconscious person from area with dangerous levels of fumigant gas to a place where the person can be safely attended by medical personnel.

(continued on reverse)

¹ A site is the location where the fumigation occurs. The site could be a street address but would more likely be the location of a container or location of a tarped commodity at a particular address.

3. The certificate holder must modify a Fumigation Management Plan upon notice by an inspector, if the inspector finds it to be deficient in procedures necessary for the protection of human health or the environment.
4. The certificate holder must follow the procedures for environmental and human health protection specified in the Fumigation Management Plan.

Allowing Inspector To Observe Fumigation

5. Upon request by a ministry inspector, a certificate holder will provide at least 24 hour advance notice (or a lesser time with agreement of the inspector) of the start time of a fumigation at a specified site to allow a ministry inspector to be present to observe any or all phases of the fumigation.

Requirement To Use Certified Applicators

6. The certificate holder shall ensure that, when pesticide labels require work be performed by “trained individuals”, the work is performed by individuals holding the appropriate fumigation category of B.C. pesticide applicator certificate (e.g. if a label requires two trained persons be present, two individuals with B.C. pesticide applicator certificates must be present).

Measuring Temperature

7. The certificate holder shall accurately measure and record the temperature in representative portions of the treatment site immediately before and during treatment as necessary to ensure efficacy and compliance with fumigant labels. Records of temperature and humidity measurements shall be provided to an inspector upon request.

Measuring and Recording Fumigant Gas Levels

8. The licensee shall measure and record the concentrations of the fumigant in and near the treatment area for the purposes of:
 - a detecting fumigant leaks from the treatment area,
 - b determining whether the pesticide use is effective,
 - c determining when concentrations are at a level that is safe for humans to re-enter the treatment area, and
 - d if the fumigant is released into buildings or spaces where humans may be present, determining if concentrations are at a level that is safe for human exposure.