

**567—105.9(455B,455D) Specific operating requirements for permitted solid waste composting facilities.** In addition to the following, all permitted solid waste composting facilities shall comply with 567—105.3(455B,455D).

**105.9(1) Access.**

- a. Access to the facility shall be restricted with a lockable gate at the entrance to the facility.
- b. Access to the facility shall be allowed only when an employee, agent or representative of the facility is on duty.
- c. Emergency access to the facility shall be provided. Fire lanes shall be maintained to provide access for firefighting equipment as required by the local fire department.

**105.9(2) The facility shall have a permanent sign posted at the entrance specifying:**

- a. Name of operation.
- b. Operating hours.
- c. Materials which are accepted or the statement “All materials must have prior approval.”
- d. Telephone number of 24-hour emergency contact person.

**105.9(3) All materials received must be incorporated into the composting process within 24 hours of receipt unless storage of these materials is specified in the plan and approved by the department.**

**105.9(4) Sample collection, preservation, and analysis must be done in a manner which ensures valid and representative results. Facilities should follow the most recent version of the Test Methods for the Examination of Composting and Compost guidelines or other testing procedures as approved by the department. Unless otherwise proposed in the operating plan and authorized in the permit, the permit holder shall test at a minimum:**

- a. Twice weekly temperature readings of compost piles, batches, and windrows. Compost must be held at a temperature above 55 degrees Celsius (131 degrees Fahrenheit) for an appropriate amount of time, in accordance with best management practices, in order to achieve pathogen reduction.
- b. Weekly moisture levels of compost piles, batches, and windrows.
- c. Testing of the finished product. Compost shall not be applied to land, sold or given away for household use unless the following requirements are met. If the following requirements are not met, compost must be applied according to 567—Chapter 121.

(1) The density of fecal coliform shall be less than 1000 most probable number (MPN) per gram of total solids (dry weight basis) or the density of Salmonella sp. bacteria in compost shall be less than three MPN per four grams of total solids (dry weight basis).

(2) The concentrations of human-made inert materials comply with 105.3(10), and the concentrations of all metals are less than the following:

Metal	Concentration mg/kg dry weight
Arsenic (As)	41
Cadmium (Cd)	39
Copper (Cu)	1500
Lead (Pb)	300
Mercury (Hg)	17
Nickel (Ni)	420
Selenium (Se)	36
Zinc (Zn)	2800