

**7045.0655 GENERAL FACILITY STANDARDS.**

Subpart 1. **Identification number.** The owner or operator shall not treat or store a hazardous waste in an elementary neutralization unit, pretreatment unit, wastewater treatment unit, or combustion waste facility without having received an identification number. An owner or operator who has not received an identification number may obtain one using agency forms.

Subp. 2. **Security.** The owner or operator shall prevent the unknowing entry, and minimize the possibility for the unauthorized entry, of persons or livestock into or onto the elementary neutralization unit, pretreatment unit, wastewater treatment unit, or combustion waste facility unless:

A. physical contact with the waste contained in the unit or facility will not injure unknowing or unauthorized persons or livestock which may enter the unit or facility; and

B. disturbance of the waste or equipment by the unknowing or unauthorized entry of persons or livestock into or onto the unit or facility will not cause a violation of the requirements of parts 7045.0652 and 7045.0655.

Subp. 3. **Inspection requirements.** Inspection requirements are as follows:

A. The owner or operator shall inspect the elementary neutralization unit, pretreatment unit, wastewater treatment unit, or combustion waste facility for malfunctions and deterioration, operator errors, and discharges which may be causing or may lead to unauthorized release of hazardous waste to the environment or a threat to human health. The owner or operator shall conduct these inspections often enough to identify problems in time to correct them before they harm human health or the environment.

B. The owner or operator shall develop and follow a written schedule for inspecting all monitoring equipment, safety and emergency equipment, security devices, and operating and structural equipment, such as tank walls and pumps, that are important to preventing environmental or human health hazards. The owner or operator shall keep this schedule at the facility. The schedule must identify the types of problems, such as malfunctions, or deterioration, which are to be looked for during the inspection, such as inoperative pump, leaking fitting, and heavy corrosion.

C. The frequency of inspection may vary for the items on the schedule. It should be based on the rate of possible deterioration of the equipment and the probability of an environmental or human health incident if any deterioration or malfunction or operator error goes undetected between inspections.

D. The owner or operator shall remedy any deterioration or malfunction of equipment or structures detected in an inspection. This must be done on a schedule which ensures that the problem does not lead to an environmental or human health hazard. Where a hazard is imminent or has already occurred, remedial action must be taken immediately.

E. The owner or operator shall record inspections in an inspection log and shall keep these records for at least three years from the date of inspection. These records must include the date and time of each inspection, the name of the inspector, a recording of the observations made, and the date and nature of any repairs or other remedial actions taken as a result of inspection observations.

Subp. 4. **Operating requirements.** Operating requirements are as follows:

A. The owner or operator of an elementary neutralization unit, pretreatment unit, wastewater treatment unit, or combustion waste facility shall ensure that the treatment process conducted in the unit or facility does not:

(1) generate extreme heat or pressure, fire or explosion, or violent reaction unless the process is permitted to handle these types of reactions;

(2) produce uncontrolled toxic mists, fumes, or gases in sufficient quantities to threaten human health;

(3) produce uncontrolled flammable fumes or gases in sufficient quantities to pose a risk of fire or explosion;

(4) damage the structural integrity of the tank or equipment containing the waste; or

(5) through like means threaten human health or the environment.

B. Hazardous wastes or treatment reagents must not be placed in an elementary neutralization unit, pretreatment unit, wastewater treatment unit, or combustion waste facility if they could cause the unit or facility or any of its equipment to rupture, abnormally corrode, or otherwise fail before the end of its intended life.

C. An elementary neutralization unit, pretreatment unit, or wastewater treatment unit must be constructed of sturdy leakproof material and must be designed, constructed, and operated so as to prevent hazardous waste from being spilled or leaked into or on any land or water during the operating life of the unit.

Subp. 5. **Manifest system, record keeping, and reporting.** The owner or operator of an elementary neutralization unit, pretreatment unit, or wastewater treatment unit shall comply with the following requirements with respect to hazardous wastes received from off-site sources: part 7045.0474, Manifest system; part 7045.0476, Manifest discrepancies; part 7045.0478, subparts 2 and 3, items A to C, Operating record; and part 7045.0482, subparts 2 and 3, Required reports.

Within 15 days after any spill or leakage of hazardous waste from an elementary neutralization unit, pretreatment unit, wastewater treatment unit, or combustion waste

facility, the owner or operator of the unit or facility shall submit a written report to the commissioner which contains the following information:

- A. name, address, and telephone number of the owner or operator;
- B. name, address, and telephone number of the facility;
- C. date, time, and nature of the incident;
- D. name and quantity of material involved;
- E. the extent of injuries, if any;
- F. an assessment of actual or potential hazards to human health or the environment, where this is applicable; and
- G. estimated quantity and disposition of recovered material that resulted from the incident.

Subp. 6. **Closure.** At closure, the owner or operator of an elementary neutralization unit, pretreatment unit, or wastewater treatment unit shall remove all hazardous waste and hazardous waste residues from the unit.

At closure, the owner or operator of a combustion waste facility shall analyze the waste present in the facility in accordance with parts 7045.0102 to 7045.0155 and shall submit the waste analysis results and proposed closure methods to the commissioner. Based on the waste analysis and proposed closure methods, the agency shall determine which closure standards from parts 7045.0450 to 7045.0551, if any, apply to the facility.

Subp. 7. **Treated wastes.** Treated waste generated by an elementary neutralization unit, pretreatment unit, or wastewater treatment unit is subject to regulation under parts 7045.0102 to 7045.0320.

**Statutory Authority:** *MS s 116.07*

**History:** *9 SR 115; L 1987 c 186 s 15; 16 SR 2102; 17 SR 1279; 18 SR 1565; 29 SR 947; 33 SR 2042*

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