

**7045.0456 GENERAL REQUIREMENTS FOR IGNITABLE, REACTIVE, OR INCOMPATIBLE WASTE.**

Subpart 1. **Required notices.** The owner or operator shall take precautions to prevent accidental ignition or reaction of ignitable or reactive waste. This waste must be separated and protected from sources of ignition or reaction, including but not limited to open flames, smoking, cutting and welding, hot surfaces, frictional heat, static sparks, electrical sparks, mechanical sparks, spontaneous ignition, and radiant heat. While ignitable or reactive waste is being handled, the owner or operator shall confine smoking and open flame to specially designated locations. "No Smoking" signs must be conspicuously placed wherever there is a hazard from ignitable or reactive waste.

Subp. 1a. **Segregation of incompatible waste.** Hazardous waste that is incompatible with any waste or other materials located nearby must be adequately separated from the other materials or protected from them by means of a dike, berm, wall, or other device.

Subp. 2. **Required precautions.** When specifically required by other rules in this chapter, the owner or operator of a facility that treats, stores, or disposes of ignitable or reactive waste or mixes incompatible waste or incompatible wastes and other materials, shall take precautions to prevent reactions which:

- A. generate extreme heat, pressure, fire, explosions, or violent reactions unless the process has a permit to handle these types of reactions;
- B. produce uncontrolled toxic mists, fumes, dusts, or gases in sufficient quantities to threaten human health or the environment;
- C. produce uncontrolled flammable fumes or gases in sufficient quantities to pose a risk of fire or explosions;
- D. damage the structural integrity of the device or facility; or
- E. through other like means threaten human health or the environment.

Subp. 3. **Documentation of compliance.** When required to comply with this part, the owner or operator shall document that compliance. This documentation may be based on reference to published scientific or engineering literature, data from trial tests, waste analyses, or the results of the treatment of similar wastes by similar treatment processes and under similar operating conditions.

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

**History:** *9 SR 115; 20 SR 715*

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