7011.1235 REQUIREMENTS OF CLASS IV WASTE COMBUSTORS.

Subpart 1. **Stack height.**

A. The exit height of the stack at a class IV waste combustor shall be equal to or greater than H plus 0.5L where H is the building height and L is the lesser of the building height or the maximum projected width of the building.

B. The building which gives the greatest value for H plus 0.5L shall determine the stack exit height. All buildings nearby the stack shall be considered in determining stack exit height.

C. Maximum projected width is the longest diagonal distance of the building footprint. The stack is considered to be nearby a building if it is within five times the lesser of the building height or building width.

D. In the alternative, a class IV waste combustor may use a stack with an exit height less than that required by the formula in this subpart, if the facility:

(1) demonstrates that it can achieve the same ambient concentrations achieved with the exit height required by this subpart; and

(2) obtains a permit under parts 7007.0250 and 7007.0501.

Subp. 2. **Combustion chamber.** The final combustion chamber of a class IV waste combustor shall be designed and operated to maintain combustion gases at a minimum of 1,800 degrees Fahrenheit for one second in a zone after the last overfire air or secondary air has entered the combustion chamber.

Subp. 2a. **Using auxiliary fuel.** Auxiliary fuel shall be used to maintain the operating temperatures required in subpart 2 from the time the solid waste feed has been discontinued until the combustion chamber is clear of combustible material or active combustion ceases to exist in the combustion chamber.

Subp. 3. [Repealed, 46 SR 1209]

Statutory Authority: *MS s 116.07*

History: *18 SR 2584; 22 SR 1975; 46 SR 1209*

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