

SECTION 10.56.220: Fuel-Burning Equipment

- A. The emission of particulate matter resulting from the combustion of solid fuel from any installation of fuel-burning equipment or any stack connected thereto existing before the effective date of this Chapter in quantities exceeding the values specified in Table I of this Subsection is prohibited. The maximum allowable particulate emission limits as given in this Section are based upon the total plant rate of heat input to one or more stacks. Where natural gas or liquefied petroleum gas is used as a fuel, the BTU heat input from these fuels shall not be included.

TABLE I

Total Heat Input in Million BTU/Hr.	Maximum Emission Rate in Pounds Per Million BTU Input
10 or less	0.60
20	0.50
50	0.39
100	0.33
500	0.22
1,000	0.18
5,000	0.12
10,000 or greater	0.10

Interpolation of the data in Table I shall be accomplished by the use of the equation:

$$E = 1.09 (Q)^{-0.2594}$$

Where E= emissions in pounds per million BTU input, Q= total heat input in million BTU per hour.

- B. The emission of particulate matter resulting from the combustion of solid fuel from any installation of fuel-burning equipment or any stack connected thereto beginning operation on or after the effective date of this Chapter, in quantities exceeding the values specified in Table II of this Subsection is prohibited.

TABLE II

Total Heat Input in Million BTU/Hr.	Maximum Emission Rate in Pounds Per Million BTU Input
10 or less	0.60
20	0.41
50	0.24
100	0.16
200	0.10
250 or greater	0.10

Interpolation of the data in Table II shall be accomplished by the use of the equation:

$$E = 2.16(Q)^{-0.5566}$$

Where E = emissions in pounds per million BTU input, Q = total heat input in million BTU per hour.

- C. The emissions of particulate matter resulting from the combustion of distillate oil from any installation of fuel-burning equipment or any stack connected thereto shall not exceed 0.02 pounds per million BTU heat input.
- D. The emissions of particulate matter resulting from the combustion of residual oil from any existing installation of fuel-burning equipment or any stack connected thereto shall not exceed 0.15 pounds per million BTU heat input. For any installation constructed after the effective date of this Chapter, the emission of particulate matter resulting from the combustion of residual oil shall not exceed 0.15 pounds per million BTU heat input or the value specified in Table II, whichever is more restrictive.
- E. Irrespective of the emission standards of this Section, the Metropolitan Board of Health, by regulation, may specify emission standards for all new, modified or existing fuel-burning equipment sources located within or impacting a nonattainment area.
- F. No new coal-burning equipment of less than one million BTU per hour input shall be installed, excluding all potbellied stoves.
- G. The operation of hand-fired fuel-burning equipment is prohibited. This Subsection shall not apply to fuel-burning equipment used exclusively for heating a dwelling of less than three dwelling units or the burning of wood as a fuel in residential fireplaces.
- H. The burning of refuse in fuel-burning equipment is prohibited, except in equipment specifically designed to burn refuse.
- I. Tests to determine compliance with this Section shall be performed as provided for in Section 10.56.300.