

Section 13-315.25—Particulate Matter from Incinerators

No person shall cause, suffer, allow or permit to be discharged into the outdoor atmosphere:

(1) From any incinerator burning less than two hundred (200) pounds of refuse per hour, particulate matter to exceed 0.3 grains per standard cubic foot of dry flue gas, adjusted to twelve percent (12%) carbon dioxide and calculated as if no auxiliary fuel had been used.

(2) From any incinerator burning two hundred (200) or more pounds of refuse per hour, particulate matter to exceed 0.2 grains per standard cubic feet of dry flue gas, adjusted to twelve percent (12%) carbon dioxide and calculated as if no auxiliary fuel had been used.

Section 13-315.26—Particulate Matter from Other Installations

No person shall cause, suffer, allow or permit to be discharged into the outdoor atmosphere from other installations, particulate matter in excess of the amount shown in Section 13-315.27. Where the process weight per hour falls between two values in the table, the maximum weight discharged per hour shall be determined by interpolation. When the process weight exceeds sixty thousand (60,000) pounds per hour, the maximum allowable weight discharged per hour will be determined by use of the following equations:

$$E = 55.0 p^{0.11} - 40$$

Where E = Maximum Weight Discharged/hour (lbs.)

P = Process Weight Rate in Tons/hour

For those processes in which the process weight per hour exceeds sixty thousand (60,000) pounds, the maximum allowable weight of particulate matter discharged per hour may exceed that calculated by the above equation providing that the concentration of particulate matter in the gases discharged to the atmosphere is less than .05 grains per standard cubic feet of dry exhaust gas.

Section 13-315.27—Maximum Allowable Weight of Particulate Matter Discharged Per Hour

Process Wt/hr (lbs)	Maximum Weight Disch/hr (lbs)	Process Wt/hr (lbs)	Maximum Weight Disch/hr (lbs)	Process Wt/hr (lbs)	Maximum Weight Disch/hr (lbs)
50	0.24	1900	4.03	4700	6.45
100	0.46	2000	4.14	4800	6.52
150	0.66	2100	4.24	4900	6.60
200	0.85	2200	4.34	5000	6.67
250	1.03	2300	4.44	5500	7.03
300	1.20	2400	4.55	6000	7.37
350	1.35	2500	4.61	6500	7.71
400	1.50	2600	4.74	7000	8.05
450	1.63	2700	4.84	7500	8.39
500	1.77	2800	4.92	8000	8.71
550	1.89	2900	5.02	8500	9.03
600	2.01	3000	5.10	9000	9.36
650	2.12	3100	5.18	9500	9.67
700	2.24	3200	5.27	10000	10.00
750	2.34	3300	5.36	11000	10.63