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Title 22@ Social Security

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Division 4.5@ Environmental Health Standards for the Management of Hazardous Waste

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Chapter 16@ Recyclable Materials (Recyclable Hazardous Wastes)

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Article 8@ Hazardous Waste Burned in Boilers and Industrial Furnaces

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Section 66266.108@ Small Quantity on-Site Burner Exemption

66266.108 Small Quantity on-Site Burner Exemption

(a)

Exempt quantities. Owners and operators of facilities that burn hazardous waste in an on-site boiler or industrial furnace are exempt from the requirements of this article provided that: (1) The quantity of hazardous waste burned in a device for a calendar month does not exceed the limits provided in the following table based on the terrain-adjusted effective stack height as defined in section

66266.106(b)(3): Exempt Quantities for Small Quantity Burner Exemption

Terrain-adjusted effective stack height of device (meters)	Allowable hazardous waste burning rate (gallons/month)
0 to 3.90	40.0 to 44.9
4.0 to 5.9	134.5 to 149.9
6.0 to 7.9	185.0 to 254.9
8.0 to 9.9	275.0 to 359.9
10.0 to 11.9	406.0 to 494.9
12.0 to 13.9	486.5 to 596.9
14.0 to 15.9	597.0 to 749.9
16.0 to 17.9	697.5 to 797.6
18.0 to 19.9	768.0 to 849.8
20.0 to 21.9	848.5 to 899.9
22.0 to 23.9	939.0 to 949.1
24.0 to 25.9	1009.5 to 1099.1
26.0 to 27.9	1101.0 to 1149.1
28.0 to 29.9	1301.0 to 1309.1
30.0 to 34.9	1401.0 to 1491.7
35.0 to 39.9	1701.0 or greater

(2) The maximum hazardous waste firing rate does not exceed at any time 1 percent of the total fuel requirements for the device (hazardous waste plus other fuel) on a total heat input or mass input basis, whichever results in the lower mass feed rate of hazardous waste. (3) The

hazardous waste has a minimum heating value of 5,000 Btu/lb, as generated; and

(4) The hazardous waste fuel does not contain (and is not derived from) US EPA Hazardous Waste Nos. F020, F021, F022, F023, F026, or F027.

(1)

The quantity of hazardous waste burned in a device for a calendar month does not exceed the limits provided in the following table based on the terrain-adjusted effective stack height as defined in section 66266.106(b)(3):

Quantity Burner Exemption	Terrain-adjusted effective stack height of device (meters)	Allowable hazardous waste burning rate (gallons/month)
0 to 3.90	4.0 to 44.92	10 to 110
4.0 to 5.91	45.0 to 49.92	6.0 to 7.91
6.0 to 7.91	50.0 to 54.93	3.0 to 3.30
8.0 to 9.92	55.0 to 59.94	2.0 to 2.20
10.0 to 11.94	60.0 to 64.94	1.5 to 1.65
12.0 to 13.94	65.0 to 69.96	1.2 to 1.32
14.0 to 15.95	70.0 to 74.96	1.0 to 1.10
16.0 to 17.96	75.0 to 79.97	0.9 to 0.99
18.0 to 19.97	80.0 to 84.98	0.8 to 0.88
20.0 to 21.98	85.0 to 89.99	0.7 to 0.77
22.0 to 23.99	90.0 to 94.91	0.6 to 0.66
24.0 to 25.91	95.0 to 99.91	0.5 to 0.55
26.0 to 27.91	100.0 to 104.91	0.4 to 0.44
28.0 to 29.91	105.0 to 109.91	0.3 to 0.33
30.0 to 34.91	110.0 to 114.91	0.2 to 0.22
35.0 to 39.91	115.0 or greater	0.1 to 0.11

(2)

The maximum hazardous waste firing rate does not exceed at any time 1 percent of the total fuel requirements for the device (hazardous waste plus other fuel) on a total heat input or mass input basis, whichever results in the lower mass feed rate of hazardous waste.

(3)

The hazardous waste has a minimum heating value of 5,000 Btu/lb, as generated; and

(4)

The hazardous waste fuel does not contain (and is not derived from) US EPA Hazardous

Waste Nos. F020, F021, F022, F023, F026, or F027.

(b)

Mixing with nonhazardous fuels. If hazardous waste fuel is mixed with a nonhazardous fuel, the quantity of hazardous waste before such mixing is used to comply with subsection (a).

(c)

Multiple Stacks. If an owner or operator burns hazardous waste in more than one on-site boiler or industrial furnace exempt under this section, the quantity limits provided by subsection (a)(1) of this section are implemented according to the following equation: [Click here to view image](#) where: n means the number of stacks; Actual Quantity Burned means the waste quantity burned per month in device "i"; Allowable Quantity Burned means the maximum allowable exempt quantity for stack "i" from the table in (a)(1) above.

(d)

Notification requirements. The owner or operator of facilities qualifying for the small quantity burner exemption under this section shall provide a one-time signed, written notice to the Department indicating the following:(1) The combustion unit is operating as a small quantity burner of hazardous waste; (2) The owner and operator are in compliance with the requirements of this section; and (3) The maximum quantity of hazardous waste that the facility may burn per month as provided by section 66266.108(a)(1).

(1)

The combustion unit is operating as a small quantity burner of hazardous waste;

(2)

The owner and operator are in compliance with the requirements of this section; and

(3)

The maximum quantity of hazardous waste that the facility may burn per month as provided by section 66266.108(a)(1).

(e)

Recordkeeping requirements. The owner or operator shall maintain at the facility for at least three years sufficient records documenting compliance with the hazardous waste quantity, firing rate, and heating value limits of this section. At a minimum, these records shall indicate the quantity of hazardous waste and other fuel burned in each unit per calendar month, and the heating value of the hazardous waste.