附件4

Emission standard of air pollutants for municipal solid waste incineration

Abstract

1 This standard specifies the requirements for the control, monitoring, implementation and supervision of the emission of air pollutants from municipal solid waste incineration in Shanghai.

2 This standard applies to managing the emission of air pollutants from the existing of municipal solid waste incineration facilities within Shanghai's jurisdiction, as well as conducting environmental impact assessments, designing and constructing new, modified or expanded municipal solid waste incineration projects. It also covers completion acceptance of environmental protection measures, discharge permit management, and post-completion air pollutant emission management.

3 This standard adopts a single-factor evaluation method where non-compliance with any individual monitoring item will deem the municipal solid waste incineration facilities not meeting the standard.

4 For the emission of flue gas pollutants from existing incineration facilities, the limit requirements specified in DB/31 768-2013 shall be implemented before June 1, 2024, and the limit requirements specified in this standard shall be implemented from June 1, 2024. the new, modified and expanded municipal solid waste incineration facilities must implement the standard upon its effective date.

5 The maximum allowable emission limits for exhaust pollutants from incineration in this standard are:

units：mg/m^3

No.	Item	Emission limit values	Sampling periods
1	Dust	10	1-hour average value
		8	24-hour average value or daily average value
2	Carbon monoxide （CO）	50	1-hour average value
		30	24-hour average value or daily average value

No.	Item	Emission limit values	Sampling periods
3	Nitrogen oxide （NO_X）	150	1-hour average value
		80	24-hour average value or daily average value
4	Sulfur oxide（SO_2）	40	1-hour average value
		30	24-hour average value or daily average value
5	Hydrogen chloride （HCl）	20	1-hour average value
		8	24-hour average value or daily average value
6	Mercury and its compounds（as Hg ）	0.05	average value
7	Cadmium 、Thallium and its compounds（as Cd +Tl ）	0.05	average value
8	Antimony、Arsenic、Lead、Chromium、Cobalt 、Copper、Manganese、 Nickel and its compounds（as Sb+As+Pb+Cr+ Co+Cu+Mn+Ni ）	0.5	average value
9	Dioxins and furans （ng TEQ/Nm^3）	0.1	average value
note：All emission limit values shall be calculated at a temperature of 273,15 K, a pressure of 101,3 kPa and after correcting for the water vapor content of the waste gases. They are standardized at 11 % oxygen in waste gas.			