

Submission by the Government of Japan for
 “the group of technical experts to develop the guidance called for in Article 8 of the
 Minamata Convention on Mercury”

In response to the request from the secretariat to Governments to submit the technical information on possible criteria used to identify the sources covered within a source category listed in Annex D, the Government of Japan submits relevant information.

○ Scale threshold values for soot and smoke emitting facilities, etc. which may fall under the Source Categories listed in Annex D

While Japan does not have specific regulatory measures for controlling mercury emissions into the atmosphere under its Air Pollution Control Act, the information below shows the regulations which control emissions of air pollutants other than mercury under the same Act, which could contribute to emission reductions of mercury as reference.

Source category listed in Annex D	Soot and smoke emitting facility which may fall under each source category	Scale threshold	Regulated pollutants
Coal-fired power plants	Boiler	10 m ² or more of heat transfer area, or 50 L/hour or more of combustion capacity in crude oil equivalent	SO _x , Soot and Dust, NO _x
Coal-fired industrial boilers	Boiler	10 m ² or more of heat transfer area, or 50 L/hour or more of combustion capacity in crude oil equivalent	SO _x , Soot and Dust, NO _x
Smelting and roasting processes used in the production of non-ferrous metals* *For the purpose of this Annex, “non-ferrous metals” refers to lead, zinc, copper and industrial gold.	Roasting furnace, sintering furnace (including the pellet firing furnace) and calcining furnace established for metal refining. Smelting furnace (including reverberator for smelting), converter and open-hearth furnace established for metal refining	1 t/hour or more of processing capacity for raw materials	SO _x , Soot and Dust, NO _x
	Roasting furnace, sintering furnace (including pellet firing furnace), smelting furnace (including reverberator for smelting), converter, fusion furnace and drying furnace established for the refining of copper, lead or zinc	0.5 t/hour or more of processing capacity for raw materials, 0.5 m ² or more of fire grate area, 0.2 m ² or more of tuyere area, or 20 L/hour or more of combustion capacity of burner	SO _x , Soot and Dust, NO _x , Cadmium and compounds thereof, Lead and compounds thereof

Source category listed in Annex D	Soot and smoke emitting facility which may fall under each source category	Scale threshold	Regulated pollutants
	Roasting furnace, sintering furnace, smelting furnace, fusion furnace and drying furnace established for the recovery of zinc (limited to zinc recovery from dust that is generated from electric steel-making furnaces and collected by dust-collector)	0.5 t/hour or more of processing capacity for raw materials	Dioxins
Waste incineration facilities	Waste incinerator	2 m ² or more of fire grate area, or 200 kg/hour or more of incineration capacity	SO _x , Soot and Dust, NO _x , Hydrogen chloride
	Waste incinerator	0.5 m ² or more of hearth area, or 50 kg/hour or more of incineration capacity	Dioxins
Cement clinker production facilities	Firing furnace and melting furnace established for the manufacture of ceramic products	1 m ² or more of fire grate area, 50 L/hour or more of combustion capacity of burner, or 200 KVA or more of rated capacity of transformer	SO _x , Soot and Dust, NO _x