

(Garuda Emblem)  
**Notification of Ministry of Industry No. 2**  
**(B.E. 2536 (1993))**  
**Issued pursuant to the Factory Act B.E. 2535 (1992)**  
**Re: Industrial Stack Emission Standard**

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By the virtue of clause 16 of the Ministerial Regulation No. 2 (B.E. 2535 (1992)) issued pursuant to the Factory Act B.E. 2535(1992), the Minister of Industry hereby issues the Ministerial Notification prescribing the characteristics of stack emission from a factory as follows:

Article 1 Stack emission from a factory shall not exceed the prescribed values for each parameter as follows:

Number	Contaminants	Source	Emission Concentration
1	Particulate	Boiler using following type of fuel: - bunker oil - coal - other types of fuel  Primary smelting and rolling and/or production of steel and aluminium  General production	300 milligrams per cubic meter 400 milligrams per cubic meter 400 milligrams per cubic meter  300 milligrams per cubic meter  400 milligrams per cubic meter
2	Antimony	General production	20 milligrams per cubic meter
3	Arsenic	General production	20 milligrams per cubic meter
4	Copper	Smelting	30 milligrams per cubic meter
5	Lead	General production	30 milligrams per cubic meter
6	Chlorine	General production	30 milligrams per cubic meter
7	Hydrogen Chloride	General production	200 milligrams per cubic meter
8	Mercury	General production	3 milligrams per cubic meter
9	Carbon monoxide	General production	1,000 milligrams per cubic meter or 870 parts per million
10	Sulfuric acid	General production	100 milligrams per cubic meter or 25 parts per million
11	Hydrogen Sulfide	General production	140 milligrams per cubic meter or 100 parts per million
12	Sulfur dioxide	Production of sulfuric acid	1,300 milligrams per cubic meter or 500 parts per million

13	Oxides of nitrogen	Boiler using following type of fuel: - coal  - other types of fuel	(as nitrogen dioxide)  940 milligrams per cubic meter or 500 parts per million  470 milligrams per cubic meter or 250 parts per million
14	Xylene	General production	870 milligrams per cubic meter or 200 parts per million

Article 2 Measurement of contaminant concentration being emitted from a stack of a factory shall be performed while a factory is in operation. In case of no stack, measurement shall be done at ventilation channel from which an official believes that there are highest loading of contaminant being released.

Article 3 Determination of contaminant concentration being emitted from a stack of a factory shall be calculated and adjusted to the condition at pressure of 1 ATM and temperature of 25 degree Celsius.

Announced on the 20<sup>th</sup> day of July B.E. 2536(1993)

Sanan Kajornprasart  
(Major-General Sanan Kajornprasart)  
Minister of Industry