

COMMUNIQUE OF THE MINISTRY OF ENVIRONMENT, SUSTAINABLE DEVELOPMENT, AND DISASTER AND BEACH MANAGEMENT

Proposed National Environmental Standards for Incinerator Stack Emission

The Ministry of Environment, Sustainable Development, and Disaster and Beach Management, the enforcing agency for ambient air quality is proposing to repeal the Environment Protection (Standards for Air) Regulations 1998.

The Ministry is inviting views and comments as per Section 37 (5) of the Environment Protection Act on the proposed **National Environmental Standards for Incinerator Stack Emission** as follows:

Pollutant		Maximum Limits ¹	Averaging time
Smoke		Ringelmann No. 2 or equivalent opacity	Not to exceed more than 5 minutes in any period of one hour
Total Dust		10 mg/m ³	Daily Average
Gaseous and Vaporous organic substances, expressed as total organic carbon		10 mg/m ³	Daily Average
Hydrogen Chloride (HCl)		10 mg/m ³	Daily Average
Hydrogen Fluoride (HF)		1 mg/m ³	Daily Average
Carbon Monoxide (CO)		50 mg/m ³	Daily Average
Sulphur Dioxide (SO ₂)		50 mg/m ³	Daily Average
NO _x (expressed as NO ₂) for a new plant		200 mg/m ³	Daily Average
NO _x (expressed as NO ₂) for an existing plant	6 tons/h < Capacity ≤ 16 tons/h until 2018	400 mg/m ³	Daily Average
	16 tons/h < Capacity ≤ 25 tons/h until 2017	400 mg/m ³	
Cadmium (Cd) and Thallium (Tl)	New plant	0.05 mg/m ³	Average over a period of 30 minutes to 8 hours
	Existing plant up to 2017	0.10 mg/m ³	
Mercury (Hg)	New plant	0.05 mg/m ³	Average over a period of 30 minutes to 8 hours
	Existing plant up to 2017	0.10 mg/m ³	

Total of Antimony, Arsenic, Chromium, Copper, Nickel and Vanadium, Lead, Cobalt, Manganese, and Vanadium	New plant	0.5 mg/m ³	Average over a period of 30 minutes to 8 hours
	Existing plant up to 2017	1.0 mg/m ³	
Dioxins and Furans, using the concept of toxic equivalence (TEQ)		0.1 ng/m ³	Average over a period of 6 to 8 hours

¹: Reference conditions are 273 K, 101.3 kPa, 11% oxygen, 0% H₂O.

Note: Large incinerators are required to keep a daily record of the following parameters:

- i. Primary and secondary combustion chamber temperature
- ii. Carbon monoxide concentration in exhaust gas
- iii. Hourly waste charging rate
- iv. Oxygen level
- v. Amount of resulting ash

The public and relevant stakeholders are kindly requested to submit their views and comments in writing to the Director of Environment within 3 months from the date of this Notice is issued either:

(i) By Post to: The Director of Environment
Level 2, Ken Lee Tower
Corner Barracks and St George St
Port Louis

(ii) By email : dirdoe@govmu.org or yphathel@govmu.org

Details of the proposed standards are available on the Ministry's website on <http://environment.govmu.org/>

Ministry of Environment, Sustainable Development, and Disaster and Beach Management

1 September 2016