

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

Proposed National Environmental Standards for Stack Emissions

The Ministry of Environment, Sustainable Development, and Disaster and Beach Management, the enforcing agency for ambient air quality is proposing to review 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 Stack Emissions** as follows:

Pollutants ^{*(a)}	Maximum limits	Applicable to
Smoke	Ringelmann No. 2 or equivalent opacity (not to exceed more than 5 minutes in any period of one hour)	All stationary fuel burning source
Particulate Matter	100 mg/Nm ³	Single stack
	Total mass of particulate emissions from all stack divided by total volume of such emissions should not exceed 100 mg/Nm ³	Multiple stacks
Nitrogen Oxides (NO _x) * (b)	1000 mg/Nm ³	All factories and new power plants.
	2000 mg/Nm ³ * (c)	Existing Engine-driven power plants
Sulphur Dioxide (SO ₂) * (d)	Maximum rate of emission of 200 Kg SO ₂ per day per MWe	New thermal power stations of capacity not exceeding 500 MWe and boiler capacity of more than 5 tons of steam per hour.
	2000 mg/Nm ³	
Carbon Monoxide (CO)	1000 mg/Nm ³	All factories and power plants
Mercury and its compounds, expressed as Hg	0.05 mg/Nm ³	Coal Fired Thermal power plant

* (a): (1) Limits for particulates should be considered at 12% CO₂ (carbon dioxide).

- (2) Limits for other gaseous pollutants should be measured at 15% O₂ (oxygen).
- (3) All emission limits should be measured as at normal conditions (273 K and 101.3 KPa and 0 % H₂O).
- (4) Methods of measurement are to be in line with internationally recognised organisation.
- *^(b): The standard for Nitrogen oxides stipulated are referred to as NO_x, which is expressed in terms of NO₂.
- *^(c): Provided the Environment Impact Assessment, air modelling and ambient air quality monitoring proves compliance with ambient NO_x standards.
- *^(d) Existing power plants are required to comply with SO₂ limit for ambient air quality and boiler of capacity of less than 5 tons of steam per hour are required to comply with both SO₂ limit for ambient air quality and any guidelines for boiler operation.

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 ypathel@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