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The Gazette of the Democratic Socialist Republic of Sri Lanka EXTRAORDINARY

අංක 1562/22 - 2008 අගෝස්තු 15 වැනි සිකුරාදා - 2008.08.15

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PART I : SECTION (I) — GENERAL

Government Notifications

L.D.B. 4/81.

THE NATIONAL ENVIRONMENTAL ACT, No. 47 OF 1980

REGULATIONS made by Minister of Environment and Natural Resources under Section 32 of the National Environmental Act, No. 47 of 1980.

PATALI CHAMPIKA RANAWAKA,
Minister of Environment and Natural Resources.

Colombo,
13th August, 2008.

Regulations

The National Environmental (Ambient Air Quality) Regulations, 1994, published in *Gazette Extraordinary*, No. 850/4 of December, 1994 are hereby amended by the substitution for the Schedule to that regulation of the following :-

“SCHEDULE

<i>Pollutant</i>	<i>Averaging Time*</i>	<i>Maximum Permissible Level</i>		<i>+ Method of measurement</i>
		μgm^{-3}	<i>ppm</i>	
1. Particulate Matter - Aerodynamic diameter is less than $10\ \mu\text{m}$ in size (PM_{10})	Annual	50	—	Hi-volume sampling and Gravimetric or Beta Attenuation
	24 hrs.	100	—	
2. Particulate Matter - Aerodynamic diameter is less than $2.5\ \mu\text{m}$ in size ($\text{PM}_{2.5}$)	Annual	25	—	Hi-volume sampling and Gravimetric or Beta Attenuation
	24 hrs.	50	—	

SCHEDULE (Contd.,)

<i>Pollutant</i>	<i>Averaging Time*</i>	<i>Maximum Permissible Level</i>		<i>+ Method of measurement</i>
		μgm^{-3}	<i>ppm</i>	
3. Nitrogen Dioxide (NO ₂)	24 hrs.	100	0.05	Colorimetric using saltzman Method or equivalent Gas phase chemiluminescence
	8 hrs.	150	0.08	
	1hr.	250	0.13	
4. Sulphur Dioxide (SO ₂)	24 hrs.	80	0.03	Pararosaniline Method or equivalent Pulse Fluorescent
	8 hrs.	120	0.05	
	1hrs.	200	0.08	
5. Ozone (O ₃)	1 hr.	200	0.10	Chemiluminescence Method or equivalent Ultraviolet photometric
6. Carbon Monoxide (CO)	8 hrs.	10,000	9.00	Non-Dispersive Infrared Spectroscopy"
	1 hr.	30,000	26.00	
	Any time	58,000	50.00	

* Minimum number of observations required to determine the average over the specified period —

03 hour average - 03 consecutive hourly average
08 hour average - 08 hourly average
24 hour average - 18 hourly average
Yearly average - 09 monthly average with at least 02 monthly average each quarter.

+ By using Chemicals or Automatic Analysers.