

**PART I : SECTION (I) GENERAL  
Government Notifications**

**THE NATIONAL ENVIRONMENTAL ACT, NO 47 of 1980**

REGULATION made by the Minister of Forestry and Environment under Section 32 of the National Environmental Act, No. 47 of 1980, read with Sections 23J and 23K of the Act.

**MAHINDA WIJESEKERA,  
MINISTER OF FORESTRY & ENVIRONMENT**

**Colombo  
23<sup>rd</sup> June 2000**

**REGULATION**

1. These Regulations made be cited as the National Environmental (Air Emission, Fuel and Vehicle Importation Standards) Regulation No. 01 2000 and shall come into effect on the 1<sup>st</sup> day of January, 2003.

**PART 1  
MOBILE AIR EMISSION STANDARDS**

2. The permissible Mobile Air Emission limits for every motor vehicle in use in Sri Lanka, shall be as set out in the First Schedule hereto.
3. No user of a motor vehicle shall discharge emissions into the atmosphere exceeding the Mobile Air Emission limits as set out in the First Schedule hereto.

4.	(1)	The Commissioner of Motor Traffic may authorize any garage as an accredited garage for the purposes of testing and certifying the mobile air emission standards of any motor vehicle.
	(2)	The Commissioner of Motor Traffic shall obtain clearance from the Central Environmental Authority prior to certifying an accredited garage for the purposes of testing mobile air emission standards.
	(3)	Every owner or user of a motor vehicle shall produce an annual compliance certificate of Mobile Air Emission Standards issued by a garage authorized by the Commissioner of Motor Traffic as an accredited garage under paragraph (1) of this regulation
	(4)	No certificate issued by an accredited garage in respect of the mobile air emissions standards, shall be valid unless the measuring equipment used to test and certify the complaints of the Mobile air emission

	standards, is in compliance with standard No R, 99 of 1991 of Organization International De Metrology Legal (OMIL)
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## PART II

### FUEL STANDARDS

5. Every person, who supplies fuel for the use of any motor vehicle, shall ensure the compliance of the permissible fuel standards set out in the Second Schedule hereto.

## PART III

### VEHICLE SPECIFICATION STANDARDS FOR IMPORTATION

6. Every person, who imports into Sri Lanka any motor vehicle, shall comply with the vehicle specification standards as set out in the Third Schedule hereto:
7. In these regulations:-
- i. the words “motor vehicle”, “motor coach”, “lorry”, “motor cars”, “motor cycles” and “three wheelers” shall have the same meaning assigned to them under the Motor Traffic Act:
  - ii. The words, “mobile air emission” means air emission from a motor vehicle.

### FIRST SCHEDULE

(A) Petrol Vehicles

Type of Vehicle	Pollution Standard		Remarks
	Carbon Monoxide (CO (%vol))	Hydrocarbon HC (ppm v/v)	
Petrol wo/cc	a. > 5 years 3.0 < 5 years	1200	Low idling
Petrol w/cc	2.0	400	Low idling
Petrol motor cycles And three wheelers	6.0	--	Low idling

Abbreviation:

- wo/cc - Without catalytic converter
- w/cc - with catalytic converter
- >5 years - vehicles more than 5 years old from the year of manufacture (used / unused)
- < 5 years - vehicles less than 5 years old from the year of manufacture

(B) Diesel Vehicles

Type of Vehicle	Smoke Capacity% (k factor m <sup>-1</sup> )	
	Idle	Load
Diesel – Tare less than 1728 Kg Including three wheelers	65 (2.44)	75 (3.22)
Diesel – Tare more than 1728 kg	65 (2.44)	75 (3.22)

\*k factor – Absorption Coefficient

## SECOND SCHEDULE

(A) Emission Related Standards for Gasoline (Leaded & Unleaded)

	Parameter	Unit	Standard		Test Method
			*Leaded	Unleaded	
1	Reid Vapour Pressure	kPa	35 – 60 (38.0°C)	35 – 60 (38.0°C)	ASTMB 5191
2	Total Aromatics (Maximum)	% v/v	42	45	UOP 273
3	Benzene (Maximum)	% v/v	3	4	ASTMD 3606
4	Lead content (Maximum)	g/l v/v	0.15	0.013	ASTMD 3341 & ASTMD 5059
5	Sulphur (S) (Maximum)	% m/m	0.1	0.1	ASTMD 1266
6	Gum(Solvent Washed) Maximum	g/m <sup>3</sup>	40	40	ASTMD 381
7	Oxygenates content (Maximum) Ether (MTBE,ETBE) Alcohol	% v/v	15	15	ASTMD 4815
8	Research Octane Number		90	87-95	ASTMD 2699
9	Oxygen content (Maximum)	% m/m	2.7	2.7	By calculation

(B) Emission Related Standards for Diesel

	Parameter	Unit	Standard	Test Method
1	Cetane Number (Minimum)		<b>48</b>	IP 21 or ASTM D 613
2	Density at 15° C (Maximum)	Kg/M <sup>3</sup>	820 - 860	ASTMD 1298
3	Distillation (T 90 – Minimum)	°C	370	ASTM D 86
4	Cetane Index	-	46	ASTM D 976 (by calculation)
5	Sulphur contents (S) (Maximum)	% MM	0.5	ASTM D 1266

### Abbreviations

Kpa	-	kilopascals
% v/v	-	Percent by volume
g/l	-	grams per litre
g/m <sup>3</sup>	-	grams per meter cube
MTBE	-	Methyl Tertiary Butyl Ether

ETBE - Ethyl Tertiary Butyl Ether  
ppmw - parts per million by weight  
T 90 - Temperature at which 90% of diesel evaporates

European Community Standard, or a Standard that is within the emission limits as specified in the following respective European Community Standard (EC) for particular emissions:

1. Commission Directive 96/69/EC for motor coach and lorries:
2. Commission Directive 94/12/EC for motor cars:
3. Commission Directive 97/24/EC for motor cycles and three wheelers