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The Gazette of the Democratic Socialist Republic of Sri Lanka

EXTRAORDINARY

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## PART I : SECTION (I) — GENERAL

### Government Notifications

L.D.B. 4/81(II)

#### THE NATIONAL ENVIRONMENTAL ACT, No. 47 OF 1980

REGULATIONS made by the President under section 32 of the National Environmental Act, No. 47 of 1980 read with sections 23J and 23K of that Act and paragraph (2) of Article 44 of the Constitution of the Democratic Socialist Republic of Sri Lanka.

MAITHRIPALA SIRISENA,  
President.

Colombo,  
06th August, 2018.

#### Regulations

National Environmental (Air Emission, Fuel and Vehicle Importation Standards) Regulations No.1 of 2003, published in the *Gazette* Extraordinary No 1295/11 and dated June 30, 2003 as last amended by regulations published in *Gazette* Extraordinary No. 2079/42 of July 12, 2018 are hereby further amended as follows:-

(1) in regulation 6 thereof-

(a) in paragraph (1) thereof, by the substitution for the words “Third Schedule hereto.” of the words “Third Schedule or Fifth Schedule hereto.”; and

(b) by the repeal of paragraph (6) thereof, and the substitution therefor of the following paragraph:-

“(6) No certificate issued under these regulations by an accredited vehicle emission testing center in respect of the vehicular exhaust emission levels for Carbon Monoxide (CO), Hydrocarbon (HC), Nitrogen Oxides (NOx), Particulate Matter (PM), Hydrocarbon & Nitrogen Oxides (HC + NOx) and Non - Methane Hydrocarbons (NMHC) shall be considered valid, unless the measuring equipment used to test and certify the compliance of the Vehicular Exhaust Emission Standards for Carbon Monoxide (CO), Hydrocarbon (HC), Nitrogen Oxides (NOx), Particulate Matter (PM), Hydrocarbon & Nitrogen Oxides (HC + NOx) and Non - Methane Hydrocarbons (NMHC) is in compliance with the method specified under the Third Schedule or the Fifth Schedule hereto.”.



(2) by the addition immediately after the Fourth Schedule thereto, of the following new Schedule:-

“FIFTH SCHEDULE

**Emission Standards applicable for vehicles and engines imported to Sri Lanka and manufactured or assembled in Sri Lanka.**

**Motor Vehicle Exhaust Emission Standards**

Category of vehicle			Test mode	Parameter	Emission limit	
					Maximum permissible limit for the vehicle	Average limit for the vehicle type
Petrol/ LPG motor vehicles	Passenger cars		JC08M (g/km)	CO	1.92	1.15
				NMHC	0.08	0.05
				NOx	0.08	0.05
				PM	0.007	0.005
	Trucks and buses	Kei cars	JC08M (g/km)	CO	6.67	4.02
				NMHC	0.08	0.05
				NOx	0.08	0.05
				PM	0.007	0.005
		Light duty vehicles (GVW ≤1.7 t)	JC08M (g/km)	CO	1.92	1.15
				NMHC	0.08	0.05
				NOx	0.08	0.05
				PM	0.007	0.005
		Medium duty vehicles (1.7 t < GVW ≤ 3.5 t)	JC08M (g/km)	CO	4.08	2.55
				NMHC	0.08	0.05
				NOx	0.10	0.07
				PM	0.009	0.005
		Heavy duty vehicles (3.5 t< GVW)	JE05M (g/kWh)	CO	21.3	16.0
				NMHC	0.31	0.23
				NOx	0.9	0.7
				PM	0.013	0.01
Diesel motor vehicles	Passenger cars		JC08M (g/km)	CO	0.84	0.63
				NMHC	0.032	0.024
				NOx	0.11	0.08
				PM	0.007	0.005
	Trucks and buses	Light duty vehicles (GVW ≤1.7 t)	JC08M (g/km)	CO	0.84	0.63
				NMHC	0.032	0.024
				NOx	0.11	0.08
				PM	0.007	0.005

		Medium duty vehicles (1.7 t < GVW ≤ 3.5 t)	JC08M (g/km)	CO	0.84	0.63
				NMHC	0.032	0.024
				NOx	0.20	0.15
				PM	0.009	0.007
		Heavy duty vehicles (3.5 t < GVW)	JE05M (g/kWh)	CO	2.95	2.22
				NMHC	0.23	0.17
				NOx	0.9	0.7
				PM	0.013	0.01
Two wheeled motor vehicles	First class motor – driven cycles	2 – wheeled motor vehicles M (g/km)	CO		-	2.0
				HC	-	0.5
				NOx	-	0.15
	Second class motor – driven cycles	2 – wheeled motor vehicles M (g/km)	CO		-	2.0
				HC	-	0.5
				NOx	-	0.15
	Mini sized two wheeled motor vehicles	2 – wheeled motor vehicles M (g/km)	CO		-	2.0
				HC	-	0.5
				NOx	-	0.15
	Small sized two wheeled motor vehicles	2 – wheeled motor vehicles M (g/km)	CO		2.7	2.0
				HC	0.4	0.3
				NOx	0.2	0.15
Diesel powered special motor vehicles	Rated power output equal to or greater than 19 kW but less than 37 kW	8M or RMC & NRTC (g/kWh)	CO		6.5	5.0
				NMHC	0.9	0.7
				NOx	5.3	4.0
				PM	0.04	0.03
	Rated power output equal to or greater than 37 kW but less than 56 kW	8M or RMC & NRTC (g/kWh)	CO		6.5	5.0
				NMHC	0.9	0.7
				NOx	5.3	4.0
				PM	0.033	0.025
	Rated power output equal to or greater than 56 kW but less than 75 kW	8M or RMC & NRTC (g/kWh)	CO		6.5	5.0
				NMHC	0.25	0.19
				NOx	0.53	0.40
				PM	0.03	0.02
	Rated power output equal to or greater than 75 kW but less than 130 kW	8M or RMC & NRTC (g/kWh)	CO		6.5	5.0
				NMHC	0.25	0.19
				NOx	0.53	0.40
				PM	0.03	0.02
	Rated power output equal to or greater than 130 kW but less than 560 kW	8M or RMC & NRTC (g/kWh)	CO		4.6	3.5
				NMHC	0.25	0.19
				NOx	0.53	0.40
				PM	0.03	0.02
Petrol/ LPG powered Special motor vehicles	Rated power output equal to or greater than 19 kW but less than 560 kW	7M (g/kWh)	CO		26.6	20.0
				NMHC	0.8	0.6
				NOx	0.8	0.6
Quadricycle	Fitted with petrol, liquid petroleum gas (LPG), compressed natural gas or hybrid engine	ECE R 40 or its equivalent (g/km) or variant	CO		-	2.0
				THC	-	0.55
				NOx	-	0.25
	Fitted with compression ignition or hybrid engine	ECE R 40 or its equivalent or variant (g/km)	CO		-	1.0
				THC	-	0.1
				NOx	-	0.55
				PM	-	0.08
					-	

*Notes:*

1. CO: Carbon Monoxide, NMHC: Non-methane Hydrocarbon, NOx: Oxides of Nitrogen, PM: Particulate Matters, t: metric tons.
2. Value calculation for JC08 mode shall be done the sum of the value obtained by multiplying 0.75 to the value measured in hot state of the JC08 mode and value obtained by multiplying 0.25 to the value measured in the cold state the JC08 mode.
3. Regulation of petrol vehicle PM LPG is applicable for vehicles equipped with in-cylinder direct injection petrol engine equipped with a lean burn NOx reduction catalyst storage type.
4. Every person who manufactures or assembles Quadricycle in Sri Lanka shall provide an annual certificate of conformity of the production and sample size shall be three. Evaporation emission test (g/test) should be applied and test value of evaporation emission test shall be equal or less than 2g per test.”.

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