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**GOVERNMENT OF THE PUNJAB
LAW AND PARLIAMENTARY AFFAIRS DEPARTMENT**

**NOTIFICATION
(123 of 2016)**

12th August 2016

The following Notification No. SO(G)/EPD/7-26/2013, dated 05.08.2016 regarding the Punjab Environmental Quality Standards for motor vehicle exhaust and noise is published for general information:

DR SYED ABUL HASSAN NAJMEE
Secretary
Government of the Punjab
Law and Parliamentary Affairs
Department

Passenger Cars	MI: with reference mass (RW) upto 2500 kg	Pak-II IDI	1.0	0.7	0.08		All imported and locally manufactured diesel vehicles with effect from 01-07-2012
	Cars with RW over 2500 kg to meet NI category standards	Pak-II, DI	1.0	0.9	0.10	NEDC (ECE 15+EUDCL)	
Light Commercial Vehicles	NI-I(RW<1250kg)	Pak-II, IDI	1.0	0.70	0.08		
		Pak-II, DI	1.0	0.90	0.10		
	NI-II(1250kg<RW<1700kg)	Pak-II, IDI	1.25	1.0	0.12		
		Pak-II, DI	1.25	1.3	0.14		
	NI-III(RW>1700kg)	Pak-II, IDI	1.50	1.2	0.17		
		Pak-II, DI	1.50	1.6	0.20		

Parameters Standards (maximum permissible limit)	Measuring method
85 dB(A)	Sound-meter at 7.5 meters from the source

(b) For Heavy Duty Diesel Engine and Large Goods Vehicles (g/KWh)

Type of Vehicle	Category/ Class	Tiers	CO	HC	NOx	PM	Measuring method	Applicability
1	2	3	4	5	6	7	8	9
Heavy Duty Diesel Engine	Trucks & Buses	Pak-II	4.0	1.1	7.0	0.15	ECE-R-49	All imported and locally manufactured diesel vehicles with effect from 01-07-2012
Large Goods Vehicle	N2(2000 and up)	Pak-II	4.0	7.0	1.1	0.15	EDC	

es							
Parameters	Standards (maximum permissible limit)						Measuring methods
Noise	85 dB(A)						Sound-meter at 7.5 meters from the source

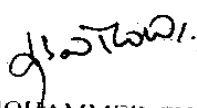
EMISSION STANDARDS FOR PETROL VEHICLES (g/km)

Type of Vehicle	Category/Class	Tiers	CO	HC+NOx	Measuring method	Applicability
1	2	3	4	5	6	7
Passenger Cars	M1: with reference mass (RW) upto 2500kg. Cars with RW over 2500kg to meet NI category standards	Pak-II	2.20	0.5	NEDC(EC E15+EUDCL)	All imported and new models * locally manufactured petrol vehicles with effect from 01-07-2009**
Light Commercial Vehicles	N1-I(RW<1250kg)	Pak-II	2.20	0.5		
	N1-II(1250kg>RW<1700kg)	Pak-II	4.0	0.65		
	N1-III(RW>1700kg)	Pak-II	5.0	0.08		
Motor Rickshaws & Motor Cycles	2.4 strokes<150cc	Pak-II	5.5	1.5	ECER 40	
	2.4 strokes>150cc	Pak-II	5.5	1.3		

Parameters	Standards (maximum permissible limit)	Measuring method
Noise	85 dB(A)	Sound-meter at 7.5 meters from the source

Explanations:

- DI: Direct Injection
 IDI: Indirect Injection
 EUDCI: Extra Urban Driving Cycle
 NEDC: New European Driving Cycle
 ECE: Urban Driving Cycle
 M: Vehicles designed and constructed for the carriage of passengers and comprising no more than eight seats in addition to the driver's seat.
 N: Motor vehicles with at least four wheels designed and constructed for the carriage of goods
 * Now Model means both model and design type change
 ** The existing Model of petrol driven vehicles locally manufactured with immediately switched over to Pak-II emission standards but not later than 30th June 2012


 (IQBAL MOHAMMED CHAUHAN)
 Secretary, Government of the Punjab
 Environment Protection Department