

LAHORE MONDAY AUGUST 15, 2016

GOVERNMENT OF THE PUNJAB AW 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:

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Secretary Government of the Punjab Law and Parliamentary Affairs Department

(1201,)

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Government of the Punjab Environment Protection Department

NOTIFICATION: No. SO(G)/EPD/2-26/2013. — In exercise of the powers conferred under clause (c) of sub-section (1) of section 4 of the Punjab Environmental Protection Act, 1997 (XXXIV of 1997), the Environmental Protection Council has approved the following as the Punjab Environmental Quality Standards for motor vehicle exhaust and noise:

Punjab Environmental Quality Standards for Motor Vehicle Exhaust and Noise

(i) For In-use Vehicles

No	Parameter	Standards (maximum permissible limit)	Measuring methods	Applicability	
1	2 3		4	.5	
İ	Smoke	40% or 2 on the Ringlemann Scale during engine acceleration mode	To be compared with Ringlemann Chart at a distance of 6 meters or more	Immediate effect	
2	Carbon Monoxide	6%	Under idling conditions: Non dispersive infrared detection through gas analyzer		
3	Noise	85 dB(A)	Sound-meter at 7.5 meter from the source		

(ii) For New Vehicles

EMISSION STANDARDS FOR DIESEL VEHICLES

(a) For Passenger Cars and Light Commercial Vehicles (g/km)

Type of Vehicle	Category/Class	Tiers	co	HC+ NOx	РМ	Measuring method	Applicability
1	2	3	4	5	6	7	8

Passenger Cars	M1: with reference mass (RW) upto	Pak-II IDI	1.0	0.7	0.08		All imported and locally
·	2500 kg						manufactured diesel vehicles with effect from
,	Cars with RW	Pak-II, DI	1.0	0.9	0.10	NEDC	01-07-2012
	over 2500 kg to meet NI category standards				-	(ECE 15+EUDCL)	-
Light Commercial	NI-1(RW<1250kg)	Pak-II, IDI	1.0	0.70	0.08		
Vehicles		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 hmit)	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 Vehicl	N2(2000 and up)	Pak-II	4.0	7.0	1.4	0.15	EDC	i

e:	S		
	Parameters	Standards (maximum permissible limit)	Measuring methods
-	Noise	85 dB(A)	Sound-meter at 7.5 meters from
	, u		the source

EMISSION STANDARDS FOR PETROL VEHICLES (g/km)

Те	T	 		T	I:	
Type of Vehicle	Category/Class	Tiers	со	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+EUDC L)	All imported and new models * locally manufactured petrol vehicles with effect from 01-07-2009**
Light Commercia l Vehicles	N1- I(RW<1250kg)	Pak-II	2.20	0.5		
1 venicles	N1-II(1250kg> RW<1700kg)	Pak-II	4.0	0.65		
	N1- III(RW>1700kg)	Pak-II	5.0	0.08		
Motor Rickshaws & Motor	2.4 strokes<150cc	Pak-II	5.5	1.5	ECER 40	
Cycles	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 New European Driving Cycle NEDC:

ECE: Urban Driving Cycle M:

Vehicles designed and constructed for the carriage of passengers and N:

comprising no more than eight seats in addition to the driver's seat.

Motor vehicles with at least four wheels designed and constructed for the

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

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