

THE GAZETTE OF INDIA**EXTRAORDINARY****PART II -- Section 3 -- Sub-section (ii)****MINISTRY OF ENVIRONMENT AND FORESTS****NOTIFICATION****New Delhi, the 5th October, 1999**

G. S.R. 682(E).- In exercise of the powers conferred by sections 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government hereby makes the following rules further to amend the Environment (Protection) Rules, 1986, namely:-

1.

(1) These rules may be called the Environment (Protection) (Second Amendment) Rules, 1999.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. In the Environment (Protection) Rules, 1986, in Schedule 1, -

~~(i) in serial number 74 relating to Emission Standards for brick kilns, for the existing paragraph III, the following paragraph III shall be substituted, namely:-~~

~~"III. Existing moving chimney bull's trench kilns shall be dispensed with by June 30, 2000 and no new moving chimney kilns shall be allowed to come up.";~~

~~(ii) in serial number 75 relating to Soda Ash Industry (Salvay Process), in the existing Note, for the words beginning with "The standards" and ending with "two years", the following shall be substituted, namely:-~~

~~"Note - The standards shall be implemented by the industry in a time target schedule by December, 1999.";~~

(iii) in serial number 86 relating to Water quality standards for coastal waters marine outfalls, in Table 1. 1, against serial number 7, for the existing entries under columns 2 and 3, the following entries shall respectively be substituted, namely:-

Parameter	Standards
2	3
"7 Heavy Metals:	
Mercury (as Hg)	0.001 mg/l
Cadinium (as Cd)	0.001 mg/l
Lead (as Pb)	0.01 ing/l."

(iv) after serial number 87 relating to Emission Regulations for Rayon IndUstry, and the entries relating thereto, the following serial numbers and entries shall be inserted, namely:-

~~"88. Emission Standards for new generator sets (upto 19 kilowatt) run on petrol and kerosene with implementation schedule.~~

~~The emission standards for portable generator sets run on petrol and kerosene shall be as follows:-~~

~~A. From June 1, 2001-~~

Class	Displacement (CC)	CO (g/kw-hr)		HC+NOx (g/kw-hr)	
		2-stroke engine	4-stroke engine	2-stroke engine	4-stroke engine
1	≤ 65	603	623	166	65
2	> 65 ≤ 99	-	623	-	36
3	> 99 ≤ 225		623		19.3
4	> 225		623		16.1

~~B. From June 1, 2001-~~

Class	Displacement (CC)	CO(g/kw-hr)	HC+Nox(g/kw-hr)
1	≤ 65	519	54
2	> 65 ≤ 99	519	30
3	> 99 ≤ 225	519	16.1
4	> 225	519	13.4

~~C. Test method shall be as specified in SAE J 1088. Measurement mode shall be D1 cycle specified under ISO 8178 (Weighting Factor of 0.3 for 100% load, 0.5 for 75% load and 0.2 for 50% load).~~

~~D. Following organisations shall test and certify the generator sets:-~~

~~(v) Automotive Research Association of India, Pune.~~

~~(vi) Indian Institute of Petroleum, Dehradun.~~

~~(vii) Indian Oil Corporation, R&D Centre, Faridabad.~~

~~(viii) Vehicle Research Development Establishment, Ahmednagar.~~

~~These organisations shall submit the testing and certification details to the Central Pollution Control Board, annually. The Central Pollution Control Board may send the experts in the field to oversee the testing.~~

89. Noise standards for fire-crackers

A.

(i) The manufacture, sale or use of fire-crackers generating noise level exceeding 125 dB(AI) or 145 dB(C)_{pk} at 4 meters distance from the point of bursting shall be prohibited.

(ii) For individual fire-cracker constituting the series (joined fire-crackers), the above mentioned limit be reduced by $5 \log_{10}(N)$ dB, where N = number of crackers joined together.

B. The broad requirements for measurement of noise from fire-crackers shall be -

- (i) The measurements shall be made on a hard concrete surface of minimum 5 meter diameter or equivalent.
- (ii) The measurements shall be made in free field conditions i.e., there shall not be any reflecting surface upto 15 meter distance from the point of bursting.
- (iii) The measurement shall be made with an approved sound level meter.

C. The Department of Explosives shall ensure implementation of these standards.

Note: dB(AI) A-weighted impulse Sound Pressure Level in decibel dB(C)_{pk} C-weighted Peak Sound Pressure Level in decibel."

[F. No. Q-15017123/98-CPWI
VIJAY SHARMA, Jt. Secy.

Note:- The principal rules were published in the Gazette of India vide -number S.O. 844(E) dated the 19th November, 1986 and subsequently amended vide S.O. 433(E) dated the 18th April, 1987, S.O. 64(E) dated the 18th January, 1988, S.O. 3(E) dated the 3rd January, 1989, S.O. 190(E) dated the 15th March, 1989, G.S.R. 913(E) dated the 20th October, 1989, S.O. 12(15) dated 8th January, 1990, G.S.R. 742 (E) dated the 30th August, 1990, S.O. 23(E) dated the 16th January, 1991, G.S.R. 93(E) dated the 21st February, 1991, G.S.R. 95 (E) dated the 12th February, 1992, G.S.R. 329(E) dated the 13th March, 1992, G.S.R. 475 (E) dated the 5th May, 1992, G.S.R. 797(E) dated the 1st October, 1992, G.S.R. 386 (E) dated the 2nd April, 1993, G.S.R. 422(E) dated the 10th May, 1993, G.S.R. 801 (E) dated the 31st December, 1993, G.S.R. 176 (E) dated the 3rd April, 1996, G.S.R. 631 (E) dated the 31st October, 1997, G.S.R. 504 (E) dated the 2nd August, 1998 and G.S.R. 7(E) dated the 2nd January, 1999.