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ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ
Karnataka State Pollution Control Board

"ಪರಿಸರಭವನ", 1 ರಿಂದ 5ನೇ ಮಹಡಿಗಳು, ನಂ.49, ಚರ್ಚ್‌ಸ್ಟ್ರೀಟ್, ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ, ಭಾರತ
"Parisara Bhavana", 1st to 5th Floor, # 49, Church Street, Bengaluru - 560 001, Karnataka, INDIA

No. PCB 744 COC 2018-19/ 4855 Date : 20 DEC 2018

Circular

Sub : Guidelines for Generator Set stack height – reg.
Ref : CPCB, Delhi letter No. B- 31013/30/2018/UPC-I/8580 dated : 26.04.2018

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Hon'ble NGT, Principal Bench in its order dated 08th July, 2018 with reference to O.A No. 452/2018, in reference to non-compliance of Generator Set Stack height guidelines at Meerut, UP has directed MoEF & CC to have interaction with Education Departments of all the States in association with the concerned Pollution Control Boards/Central Pollution Control Board to issue appropriate guidelines to take care of the violation of environment norms by different Education Institutions in the Country. In compliance of Hon'ble NGT order, CPCB has issued guidelines for Generator Set stack height for implementation. Copy enclosed. It is instructed to ensure the implementation of the guidelines.

by **MEMBER SECRETARY**

To :

1. Chief Environmental Officer – 1 & 2
2. SEO (Enviro Care Cell), SEO (Enforcement & Complaint Cell), SEO (Waste Management Cell), SEO (Mines, Steel & Stone Crusher Cell), SEO (Infrastructure Cell), SEO (17 Category Cell),
3. SEO (Bengaluru City), SEO (Bengaluru East), SEO (Bengaluru South), SEO (Bengaluru North), SEO (Mysore), SEO (Mangaluru), SEO (Dharwad), SEO (Ballari), SEO (Chitradurga) and SEO (Kalburagi) - Shall ensure the implementation of the Guidelines.
4. All Regional Officers, Regional Office: (1) Bengaluru City-East, (2) Bengaluru City-Peenya, (3) Bengaluru City-South, (4) Bengaluru City-West, (5) Dasarahalli,

(6) Doddaballapura, (7) Nelamangala, (8) Yelahanka, (9) Anekal, (10) Bommanahalli, (11) Rajarajeshwari-nagara, (12) Ramnagar, (13) Sarjapura, (14) Chikkaballapur, (15) Hosakote, (16) Mahadevpura, (17) Mysore-1, (18) Mysore-2, (19) Mandya, (20) Chamarajnagar, (21) Tumkur, (22) Chitradurga, (23) Davangere, (24) Kolar, (25) Shimoga, (26) Dharwad, (27) Gadag (28) Belgaum-1, (29) Belgaum-2 (Chikkodi Centre), (30) Bagalkot, (31) Bijapur, (32) Bellary, (33) Raichur, (34) Koppal, (35) Bidar, (36) Gulbarga, (37) Udupi, (38) Mangalore, (39) Hassan, (40) Chikmagalur, (41) Karwar, (42) Kodagu (43) Haveri, (44) Yadgiri - Shall ensure the implementation of the Guidelines.

5. EO (e-gov), EOs (17 Cat), EO (Corporate cell), EOs (Waste Management), EO (Non-EIA Bangalore based), EO (Awareness, Enforcement Cell), EO (Non-EIA, other than Bangalore), EO (Infrastructure),

Copy to :

1. TO to Chairman & PA to Member Secretary for information.
2. Chief Scientific Officers – 1 & 2
3. SSO (AAQM Cell).
4. Website

Emission

DIESEL GENERATOR SETS : STACK HEIGHT

The minimum height of stack to be provided with each generator set can be worked out using the following formula :

H = h+0.2x ÖKVA
H = Total height of stack in metre
h = Height of the building in metres where the generator set is installed
KVA = Total generator capacity of the set in KVA
Based on the above formula the minimum stack height to be provided with different range of generator sets may be categorised as follows:

For Generator Sets	Total Height of stack in metre
50 KVA	Ht. of the building + 1.5 metre
50-100 KVA	Ht. of the building + 2.0 metre
100-150 KVA	Ht. of the building + 2.5 metre
150-200 KVA	Ht. of the building + 3.0 metre
200-250 KVA	Ht. of the building + 3.5 metre
250-300 KVA	Ht. of the building + 3.5 metre

Similarly for higher KVA ratings a stack height can be worked out using the above formula.

Source : Evolved By CPCB
[Emission Regulations Part IV:COINDS/26/1986-87]