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ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ
Karnataka State Pollution Control Board

"ಪರಿಸರ ಭವನ", 1 ರಿಂದ 5ನೇ ಮಹಡಿಗಳು, ನಂ. 49, ಚರ್ಚ್ ಸ್ಟ್ರೀಟ್, ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ ರಾಜ್ಯ, ಭಾರತ
"Parisara Bhavan", 1st to 5th Floor, # 49, Church Street, Bangalore - 560 001, Karnataka State, India

No. KSPCB/NCAP/SEO-INFRA/DG-Retrofitting/2025-26/ 2174 Date: 19 AUG 2026

CIRCULAR

Sub: Mandatory Retrofitting of Emission Control Device (RECD) to DG sets of various capacities from 61 KW upto 800 KW in the State of Karnataka – reg.

Ref:
1. Board Office Order No. KSPCB/SEO-Infra/DG-Retrofitting/2021-22/2887 dated: 17.09.2021
2. Board Office Notification No. KSPCB/SEO-Infra/DG-Retrofitting/2021-22/955 dated: 25.05.2023.
3. Board office Addendum vide no. 1073 dated: 12.06.2024
4. Board Office Circular No. KSPCB/NCAP/SEO-Infra/DG- Retrofitting /2021-22/5241 dated: 17.03.2025.
5. Board Office Memo vide no. 3472 dated: 20.11.2025.
6. CPCB updated revised list of Retrofit emission Control Devices as on 26.11.2025.
7. Board Office Reminder Memo-1 vide no. 4216 dated: 12.01.2026.
8. Board Office Reminder Memo-2 vide no. 268 dated: 23.4.2026.
9. Board Office letter to industries vide no. 273 dated: 23.4.2026
10. Board Office Reminder Memo-3 vide no. 2150 dated: 18.08.2026

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Preamble:

The Ministry of Environment, Forest and Climate Change (MoEF & CC) launched National Clean Air Programme (NCAP) in January 2019 with an aim to improve air quality in 131 cities (non-attainment Cities and million plus cities) in 24 States and UTs by engaging all stakeholders. Further, the Hon'ble National Green Tribunal (NGT) in the matter of OA.681/2018, dated: 6.8.2019 issued an order for the remedial measures to be adopted to enforce the Ambient Air Quality Standards with reference to the Air (Prevention and Control of Pollution) Act, 1981 and the Environment (Protection) Act, 1986 in cities classified as 'Non-Attainment Cities' (NACs) based on monitoring of the Ambient Air Quality.

CPCB has advised all the State Pollution Control Board (SPCBs) that, the NCAP document outlines the states/UTs to ensure use of retrofitted emission control device (RECD) having a

minimum specified PM capturing efficiency of at least 70% type approved by one of the 5 CPCB recognized labs or shifting to gas based generators by employing new gas based generators or retrofitting the existing DG sets for partial gas usage and also advised for control of Ambient Air Pollution from DG sets emission by implementing following measures. Separate compliance report of all P/A's for Retrofit Emission Control Devices to DG sets shall be submitted immediately.

a) Use of certificated RECD from approved manufacturers for in-use DG sets of 61 KW to 800 KW (1000 KVA) capacity which are older than five years from date of manufacturing and up to its useful life (i.e., 15 years from the date of manufacturing or 50,000 hours of operation, whichever is earlier) or use of Duel fuel system for in use DG sets of less than 800 KW capacity upto its useful life as mentioned above or shifting to gensets meeting emission norms as per GSR 804 E dated: 03.11.2022.
b) Adopt any suitable Air Pollution Control Device (APCD), strictly subject to compliance at emission standard notified vide G.S.R 489 € dated: 09.02.2002 for DG set of more than 800 KW.

In view of the aforesaid facts, Karnataka State Pollution Control Board (KSPCB) has issued Notification dated 25/5/2023 **vide ref (2)** and Addendum to the Board notification was issued on **12.06.2024 vide ref (3)** to all the Industries, Establishments, Projects, Buildings, Utilities, Airport, Railway stations or any other place in the State of Karnataka to comply with the following:

a) Use of certificated RECD from approved manufacturers for in-use DG sets of 61 KW to 800 KW (1000 KVA) capacity which are older than five years from date of manufacturing and upto its useful life (i.e., 15 years from the date of manufacturing or 50,000 hours of operation, whichever is earlier) or use of Duel fuel system for in use DG sets of less than 800 KW capacity upto its useful life as mentioned above or shifting to gensets meeting emission norms as per GSR 804 E dated: 03.11.2022.

b) Adopt any suitable Air Pollution Control Device (APCD), strictly subject to compliance to emission standard notified vide G.S.R 489 € dated: 09.02.2002 for DG set of more than 800 KW.

While issuing the **CFE or CFO (Fresh/ renewal)**, Board is stpulating the condition that "**All diesel generators sets above the capacity of 125 KVA shall be fixed with a retrofitting emission control device having a minimum specified particulate matter capturing efficiency of at least 70% as per Board Office Addendum Notification No. 1073, dated: 12.06.2024 which in turn is as per directions of the honorable NGT in matters related to OA 681/ 2018, order dated 06.08.2019. Any installation of additional air pollution sources shall be done with prior permission of the Board.**"

Later, CPCB has uploaded revised list of manufacturers certified for Retrofit Emission Control Devices (RCED's) applicable to Diesel Genset Engines (Up to 800 kW) for different capacity ranges as of 26-11-2025.The range of certified products is now from 19 KW to 800 KW for both CPCB Stage 1 and Stage 2 engines **vide ref (6).**

Also, notices were issued to the organizations on 23.04.2026 **vide ref (9)** and informed that, it is mandatory to provide Retrofit Emission Control Devices (RCED's) applicable to Diesel Genset Engines (Up to 800 KW) for different capacity ranges and to submit the compliance wrt retrofitting notification to DG sets installed at all projects.

Hence, it is decided to review the matter once in three months to verify the progress made as the same will be reviewed in Hon'ble Chief Minister's 100 days Mission program.

Sd/-
MEMBER SECRETARY
KSPCB

To:

All Concerned Industries, Establishments & Organizations.

Copy to:

1. All CEOs/SEOs/ZSEOs/ROs for information and to impose the condition in the CFE/CFO and strictly ensure its compliance. ZSEOs shall compile the statistics report & submit monthly reports to Infrastructure & Lake Development Cell.
2. SEO, E-governance for information and to publish in the Board website.

Copy for information & necessary action to:

1. The President and Chairman (Environment), KASSIA to circulate among industries.
2. The President, Federation of Karnataka Chambers of Commerce and In Federation House, Kempegowda Road, Bangalore - 560009.
3. The President, Peenya Industries Association, 18/B Peenya Trade Cross Road, Peenya 1st Stage, Peenya, Bengaluru, Karnataka circulate the directions among the industries.
4. The President, CREDAI, 6th Floor, 607, Barton, Near-Lawrence & Mayo, Mahatma Gandhi Road, Bengaluru, Karnataka 560001, to circulate the directions among the industries.
5. The President, Bommasandra Industries Association, No. 60 D. 1st Phase, Bommasandra Industrial Area, Bangalore - 560099.
6. The President, No. 242, KIADB Sompura Industrial Area, Niduvanda, Dabaspet, Nelamangala Taluk, Bengaluru Rural District - 562 132.
7. The President, Dodaballapura Industries Association, KIADB Pump house. near Sonarome Factory, KIADB Industrial Area, Doddaballapura - 561 203

8. The President, Kumbalagodu Industries Association No. A 31, KSSIDC Industrial Estate, Kumbalagodu, Mysore Road, Bangalore-560074.
9. The President, Hoskote Industrial Association Ficom Engineering Pvt Ltd, Plot No.10 E& 10 F, Chikkahalli Village, Hoskote Industrial Area, Hoskote, Bangalore-562114.
10. The President, Veerasandra Industries Association Veerasandra, Anekal Taluk, Banaglore-560102.
11. The President, The Federation of Indian Chambers of Commerce & Industry, S-715, South Block, Manipal Centre, 47, Dickenson Road, Bangalore, 560 042.
12. The President, Association of North Bangalore Hardware Aerospace and IT Park (ABNHAI), Plot No. 79, KIADB IT Park, Arebinnamangala Village, Jala Hobli, Bangalore -562114
13. The President, Whitefield Area Commerce and Industries Association (WACIA), No.40J, Opp NGEF Estate, Wacia Road, Doddaanekkundi Industrial Area, Mahadevpura, Bangalore-560043.
14. The President, Attibele Industries Association No. 101/104, Balagaranahalli, Near Ganesh Temple, Hosur Main Road, Attibele, Anekal Taluk, Bangalore-560107.
15. The President Jigani Industrial Area Association KIADB Complex, Phase I, KIADB Industrial Area, Jigani, Near APC Circle, Anekal Taluk, Bangalore-560105.
16. The President, Bangalore Apartments' Federation (BAF), S 712, South Block, 7th Floor, Manipal Center, 47 Dickenson Road, Yellappa Garden, Bengaluru-560042.
17. Electronics City Industries Association (ELCIA), S.No.7 (P) ELCIA Complex, Electronic City, West Phase, Hosur Road, Bangalore, Karnataka, India-560100

Senior Environmental Officer
Infrastructure and Lake Development
KSPCB