



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/2021-22/ 5241

Date:

17 MAR 2025

CIRCULAR

Sub: Action to be taken to provide the Retrofit Emission Control Devices (RECD) to DG sets of various capacities from 61 KW up to 800 KW reg., Approved RECD Suppliers reg.,

Ref:

1. Board notification No. KSPCB/SEO-Infra/DG-Retrofitting/2021-22/955, dated 25-5-2023
2. Board Addendum to Notification No. KSPCB/NCAP/CEO-3/DG-Retrofitting/2024-25 /1073 dated: 12-06-2024
3. Government letter No. FEE 91 EPC 2025 Dated: 10-03-2025

The Board has issued Notification pertaining to installation of Retrofit Emission Control Devices (RECD) to DG sets of various capacities from 61 KW up to 800 KW vide ref (1) and also issued an Addendum to the said Notification vide ref (2). The Government of Karnataka Letter No. FEE 91 EPC 2025 Dated 10.3.2025 wherein mentioned about the air pollution caused due to Diesel Generator Sets and Central Government has made it mandatory to install Retrofit Emission Control Devices to DG sets and issued instructions in this regard. In view of this, the Government has given instruction to Board to direct all the concerned to provide Retrofit Emission Control Devices to Diesel Generator Sets and also to obtain report from the local concerned Officer of the Board regarding action taken and to submit status report to Government.

Further, the REC devices required to be installed to DG sets only through Certified Retrofit Emission Control Devices (RECD) suppliers. The list of approved Retrofit Emission Control Devices (RECD) suppliers as published by the Central Pollution Control Board is attached for reference as **Annexure-1** and may visit CPCB official website for further updates if any in this regard.

Any other entity selling or installing RECDs apart from CPCB approved vendors will result in non-compliance status for the end user.

Now, therefore, with the above background, all RSEO's and Regional Officers of the Board shall ensure that, all the Industries, Infrastructure projects, Integrated projects, Commercial establishments, Projects, Buildings, Utilities, Airports, Railway Stations or in any other places operating DG sets of capacity 61 KW and above up to 800 KW within the jurisdiction of the state of Karnataka, are complied with Board Addendum No. KSPCB/NCAP/CEO-3/DG-Retrofitting/2024-25/1073 dated: 12-06-2024. The Jurisdictional Regional Senior Environmental Officers and Regional Officers of the Board shall make all practicable efforts see the compliance in this regard and report the compliance to Board without fail.

Encl: As above


MEMBER SECRETARY 

To,

1. All RSEOs of the Zonal Officers of the Board for information and necessary action
2. All Regional Officers of the Board for immediate action on the above

Copy to:

1. Technical Officer to Hon'ble Chairman, KSPCB, Bengaluru for kind information
2. PA to MS for information
3. All CEOs for information
4. SEO, Corporate cell for information
- ✓ 5. All Section Heads of Board Office for information
6. Administrative Officer for information
7. Office file



Annexure-I

Central Pollution Control Board

List of manufacturers certified for Retrofit Emission Control Devices (RECDs) applicable to Diesel Genset Engines (Up to 800 kW) for different capacity ranges as of 31.12.2024.

| Sr. No. | Name of RECD manufacturers | Applicability for following Range of In-Use Diesel Genset Engines (kW)* | Applicability for Phase I or Phase II or both engines | Certification Agency |
|---------|-------------------------------|---|---|----------------------|
| 1 | Automoto Genset Solutions LLP | ~ 40.81 – 154 kW | Phase-II | ICAT |
| | | ~ 62.48 – 114.29 kW | Phase-I | ICAT |
| | | ~ 110.2 - 242.7 kW | Phase-II | ICAT |
| | | ~ 120.1 - 271.3 kW | Phase-I | ICAT |
| | | ~ 154 - 454 kW | Phase-II | ICAT |
| | | ~ 253.82 - 448 kW | Phase-I | ICAT |
| | | ~ 501.8 - 663 kW | Phase-I | ICAT |
| | | ~ 500.3 - 797 kW | Phase-II | ICAT |
| 2 | Chakr Innovation Pvt. Ltd. | ~ 61 - 113.3 kW | Phase-I | ICAT |
| | | ~ 75 - 114.7 kW | Phase-II | ICAT |
| | | ~ 114.5 - 293.7 kW | Phase-II | ICAT |
| | | ~ 114.9 - 293.9 kW | Phase-I | ICAT |
| | | ~ 228 kW | Phase-II | ARAI |
| | | ~ 294 - 448 kW | Phase-I | ICAT |
| | | ~ 294.5 - 448 kW | Phase-II | ICAT |
| | | ~ 499.3 - 663.6 kW | Phase-I | ICAT |
| | | ~ 500.3 - 797 kW | Phase-II | ICAT |

| Sr. No. | Name of RECD manufacturers | Applicability for following Range of In-Use Diesel Genset Engines (kW)* | Applicability for Phase I or Phase II or both engines | Certification Agency |
|---------|--|---|---|----------------------|
| 3 | Cummins Technologies India Pvt. Ltd. | ~ 119 - 191.1 kW | Phase-II | ARAI |
| | | ~ 114 - 183 kW | Phase-I | ARAI |
| | | ~ 438 - 458 kW | Phase-II | ARAI |
| 4 | EO Energy Pvt. Ltd. | ~ 114.8 kW | Phase-I | ARAI |
| 5 | JBDS Power Project International Pvt. Ltd. | ~ 110.43 - 250 kW | Phase-II | ICAT |
| 6 | Maxmoc Motor Works India Pvt. Ltd. | ~ 28.7 - 137.2 kW | Phase-II | ICAT |
| | | ~ 109.8 - 248.6 kW | Phase-II | ICAT |
| | | ~ 250 - 454 kW | Phase-II | ICAT |
| | | ~ 253.82 - 448 kW | Phase-I | ICAT |
| | | ~ 430.1 - 797 kW | Phase-II | ICAT |
| 7 | Novorbis Itus Pvt. Ltd | ~ 110 - 188 kW | Phase-II | ARAI |
| | | ~ 114 - 183.8 kW | Phase-I | ARAI |
| | | ~ 174 - 458 kW | Phase-II | ARAI |
| 8 | PI Green Innovations Pvt. Ltd. | ~ 146 - 310 kW | Phase-I | ARAI |
| | | ~ 148 - 290 kW | Phase-II | ARAI |
| | | ~ 203 - 310 kW | Phase-II | ARAI |
| | | ~ 204 - 298 kW | Phase-II | ARAI |
| | | ~ 204 - 300 kW | Phase-II | ARAI |
| | | ~ 267 - 369 kW | Phase-II | ARAI |
| | | ~ 271 - 379 kW | Phase-I | ARAI |
| | | ~ 300 - 379 kW | Phase-I | ARAI |
| | | ~ 319 - 369 kW | Phase-II | ARAI |
| | | ~ 319 - 564 kW | Phase-II | ARAI |
| | | ~ 319 - 569 kW | Phase-I | ARAI |
| | | ~ 475 - 797 kW | Phase-I | ARAI |
| | | ~ 493 - 799 kW | Phase-II | ARAI |
| | | ~ 520 - 799 kW | Phase-II | ARAI |

| Sr. No. | Name of RECD manufacturers | Applicability for following Range of In-Use Diesel Genset Engines (kW)* | Applicability for Phase I or Phase II or both engines | Certification Agency |
|---------|------------------------------|---|---|----------------------|
| 9 | Platino Automotive Pvt. Ltd. | ~ 62.48 - 183.0 kW | Phase-II | ICAT |
| | | ~ 62.52 - 125 kW | Phase-I | ICAT |
| | | ~ 228 kW | Phase-II | ARAI |
| | | ~ 228 - 250 kW | Phase-II | ARAI |
| | | ~ 256 - 438.2 kW | Phase-II | ICAT |
| | | ~ 256.2 - 448 kW | Phase-I | ICAT |
| | | ~ 478.1 - 664 kW | Phase-I | ICAT |
| | | ~ 480.7 - 797 kW | Phase-II | ICAT |
| 10 | Vasthi Instruments Pvt. Ltd. | ~ 110.6 - 249.4 kW | Phase-II | ICAT |
| | | ~ 300 - 797 kW | Phase-II | ICAT |

* During Type Approval testing, the RECD + Engines combination are tested for mechanical gross power in kW as per the System & Procedure Document. Corresponding kVA rating shall be checked and verified with data plates affixed on in-use engines as well as DG sets for the correctness.

ARAI- The Automotive Research Association of India, Pune, Maharashtra

ICAT- International Centre for Automotive Technology, Manesar, Haryana

Phase I - Genset engine complying emission norms as specified in GSR 371 (E) dated 17.05.2002

Phase II - Genset engine complying emission norms as specified in GSR 771 (E) dated 11.12.2013 as amended

