



# महाराष्ट्र प्रदूषण नियंत्रण मंडळ MAHARASHTRA POLLUTION CONTROL BOARD

कल्पतरू पॉइंट, २, ३ आणि ४ था मजला, मूव्हीमॅक्स सिनेमा समोर,  
शीव सर्कल जवळ, शीव (पू), मुंबई - ४०० ०२२

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## CIRCULAR

Subject: Retrofitting of Emission Control Devices (RECD) for in-use Diesel Gensets of 61 kW and above in the State of Maharashtra.

- Ref: 1. MoEF&CC Notification issued vide GSR No. 489 (E), dated 09.07.2002.  
2. NGT Order O.A.No.681/2018 dated 06.08.2019.  
3. System & procedure for emission compliance testing of RECD for DG sets vide No. PCLS/12/2021-22, dated 01.02.2022 (revised on 24.07.2023)  
4. MoEF&CC Notification issued vide GSR No. 804 (E) dated 03.11.2022.  
5. Circular No. MPCB/JD/(APC)/NCAP/DG Set/B-0090 dated: 02.06.2023.  
6. CAQM direction issued to NCR vide No. 76, dated 29.09.2023.  
7. Extension letter issued vide No. MPCB/JD(APC)/NCAP/DG Set/B-0229, dated 26.10.2023.  
8. CPCB letter vide No. EQ-11099/8/2021-AQM-HO-CPCB-HO-Part (5) 4286, dated 22.03.2024.

With reference to above subject, Board office had issued circular for Retrofitting Emission Control Device (RECD) for in-use Diesel operated internal combustion engines up to 800 kW (1000 KVA) gross mechanical power of generator sets in the state of Maharashtra within 120 days from the date of issuance of circular. Further, Board office has extended the compliance period up to 31.12.2023 vide letter dated 26.10.2023.

The Board intends to amend the earlier issued circular vide above ref. (5) & enforce the directions/measures communicated by CPCB vide its letter dated 22.03.2024 for controlling emissions from DG sets of 61 kW & above capacity as below.

**DG sets of 61 kW to 800 kW:-** Use of certified RECDs from approved manufacturers for in-use DG sets of 61 kW to 800 kW capacity which are older than five years from date of manufacturing & 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 Dual Fuel system for in-use DG sets of less than 800 kW capacity up to its useful life as mentioned above or shifting to gensets meeting emission norms as per GSR 804 (E) dated 03.11.2022.

**OR**

Shifting to gas-based generators by employing new gas-based generators.

**OR**

Retrofitting the existing DG sets for diesel & gas use (mixture of diesel & gas).

**DG sets of 800 kW & above:** - Adopt any suitable Air Pollution Control Device (APCD), strictly subject to compliance of emission standards notified vide GSR 489 (E) dated 09.07.2002 for DG sets of more than 800 kW.

**OR**

For Diesel power generating set engines above gross mechanical power greater than 800 kW (1000 KVA), retrofit emission control device/equipment should be tested by one of the CPCB

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approved labs mentioned in Boards circular vide above ref. (5) over ISO 8175-5 mode D2 cycle for equivalent KVA rating for reduction of Particulate Matter, Carbon Monoxide & Hydrocarbon by more than 70%. Equivalent engine should be considered if either the rated power or swept volume of the test engine is the range of  $\pm 25\%$  of the rated power or swept volume of the engine for which device is being used.

**OR**

Shifting to gas-based generators by employing new gas-based generators.

**OR**

Retrofitting the existing DG sets for diesel & gas use (mixture of diesel & gas).

All other conditions specified in Boards earlier circular vide above ref. (5) remains unchanged except as modified herein.

In view of above, all stakeholders, including Industries, Establishments, Projects, Buildings, Utilities, Airports, Data centers, Railway Stations and other establishments/locations in the State of Maharashtra where DG sets of capacity up to and above 800 kW are installed and/or in operation shall comply with the aforesaid control measures within 90 days from the date of issuance of this Circular.

In case of failure to comply with the prescribed requirements for the Retrofit Emission Control Device (RECD), Bank Guarantee stipulated in the Consent towards ensuring such compliance shall be liable for forfeiture.

All Regional Offices are hereby instructed to communicate the above directions to all concerned stakeholders under their jurisdiction and ensure timely compliance with the same.

This circular is issued with the approval of higher authority of the Board.

Digitally signed by  
Satish Hanumantrao Padwal  
Date: 21-10-2026 11:21:17

**(Satish Padwal)**  
**Joint Director (APC)**

**Copy submitted to:**

1. Hon'ble Chairman, MPCB, Sion, Mumbai – for favour of information.
2. Member Secretary, MPCB, Sion, Mumbai – for favour of information.

**Copy to :**

1. PSO/JD-APC/JD-WPC/AST/RO-BWM/RO-HQ - for information & further needful action.
3. All Regional Officer/Sub Regional Officer – They are directed to circulate the said circular to all stake holders/Users, as per their jurisdiction & submit Action Taken Report.
4. EIC – For hosting on MPCB website.