



# झारखण्ड राज्य प्रदूषण नियंत्रण पर्वद

## JHARKHAND STATE POLLUTION CONTROL BOARD

T.A. DIVISION BUILDING (GROUND FLOOR), H.E.C., DHURWA, RANCHI -834004

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### Public Notice

**Subject: Mandatory Retrofitting of Emission Control Devices/ Equipment in DG Sets with capacity of 41 KVA up to 1000 KVA in State of Jharkhand - reg.**

Central Pollution Control Board, New Delhi, has notified the "**System and procedure for emission compliance testing of Retro-fit Emission Control Devices RECD for Diesel Power Generating Set Engines up to Gross Mechanical Power of 800 KW," vide Pollution Control Series PCLS/12/2021-22 dated 01/02/2022 (revised on 24/07/2023)**. This is with the objective for reduction of Particulate Matters (PM) by using RECD for in-use diesel operated internal combustion engines up to 800 KW (1000 KVA);

Now, in exercise of powers vested with the Board under Section 17 (10) J read with section 31 (A) of Air (Prevention and Control of Pollution) Act, 1981 and section 5 of the Environment (Protection) Act 1986, all the industries and the establishments operating DG sets of capacity 125 KV A and above within the jurisdiction of the state of Jharkhand, are hereby directed to:

- The engines/generating sets manufactured and installed before 01.07.2004 or the engines which are not complying either Stage-I and/or Stage-II emission limits, shall be scrapped. No one shall sell/use/run the above engines/generating sets.
- Retrofit all operational DG sets of capacity with an Emission Control Device and Equipment. For diesel power generating set engines up to gross mechanical power 800 kW, the emission control device has to be type approved as per CPCB system and procedure for emission compliance testing of retro-fit emission control devices (RECD).
- For diesel power generating set engines above gross mechanical power of 800 kW or 1000KVA, the emission control device has to be tested for minimum 70% reduction in carbon monoxide, particulate matter and hydrocarbon emissions.
- The Emission Control Device/Equipment must be tested over a ISO- 8178-5 (Reciprocating Internal Combustion Engines-Exhaust) rating by the agencies listed & recognised by Central Pollution Control Board, Govt. of India.
- Further, all the Industries, Establishment, or any other places operating DG sets of capacity 41 KVA and above shall ensure that Retro-fitting of Emission Control Devices vendor is in accordance with the CPCB's document dated 01/02/2022
- Shift to gas-based generators by deploying new gas-based generators or retrofitting existing DG sets for partial gas usage.

**Note: This order supersedes all other previously issued orders and same shall be complied within six months from the date of issue of this Notification and failing which the Board is contemplated to initiate action under the relevant provisions the Air (Prevention and Control of Pollution) Act, 1981. For further details please visit the Board's Website: <https://jspcb.org.in/>**

(Rajeev Lochan Bakshi)  
Member Secretary