

MIZORAM POLLUTION CONTROL BOARD

H.88088/Poltn/50(132)/2026-MPCB

Dated Aizawl, the 25th August, 2026

CIRCULAR

Subject : Retrofitting of Emission Control Devices/Equipment in all operating DG sets of capacity below 1000 kVA in the State of Mizoram – reg.

Whereas, the Government of India, MoEF&CC has launched the National Clean Air Programme (NCAP) for the prevention, control and abatement of air pollution level in the country at an urban and regional level. The Government of India recognizes major sources of air pollution such as vehicles, DG sets, construction dust etc. As per National Clean Air Programme (NCAP), Government of India, Diesel Generator sets are found to be one of the major sources of air pollution in Indian cities and states.

Whereas, the Particulate Matter emissions due to operation of Gen-sets has also been identified as one of the major sources of emissions in the National Clean Air Programme and by the Hon'ble National Green Tribunal in the Original Application No. 681/2018.

Whereas, the Hon'ble NGT vide order dated 06/08/2019 in O.A No. 681/2018 has observed that the timeline to reduce the air pollution by 30% needs to be reduced and the target of reduction needs to be increased, having regard to adverse effect on public health and in view of constitutional mandate of fundamental right to breathe clean air. It further states that the air pollution caused by DG sets needs to be a part of the action plans, which may, if necessary, require retrofitting of Emission Control Devices / Equipment on generators already in use.

And whereas, there is a plan for national level target of 40% reduction of PM₁₀ and a 20% reduction in PM_{2.5} levels in the ambient air under the National Clean Air Programme (NCAP), Govt. of India by 2025 – 26.

Now, therefore, with the above background, and in the exercise of powers vested with the Board under Section 17 (1) (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 within the jurisdiction of the State of Mizoram, are hereby directed to regulate operation of DG Set:

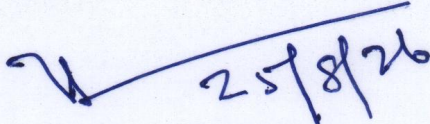
1. Retrofit all operational DG sets with an Emission Control Device/ Equipment having a minimum specified Particulate matter capturing efficiency of atleast 70% tested as per 5 mode D2 cycle. The Emission Control Device/ Equipment must be tested over a ISO : 8178 5 mode D2 cycle for equivalent kVA rating by one of the five Central Pollution Control Board, Govt. of India, recognised / approved laboratories as given below:
 - a) Automotive Research Association of India (ARAI), Pune (Maharashtra)

- b) International Centre for Automotive Technology (ICAT), Manesar (Haryana)
- c) Indian Oil Corporation, Research and development Centre, Faridabad (Haryana)
- d) Indian Institute of Petroleum (IIP), Dehradun (Uttarakhand) or
- e) Vehicle Research Development Establishment (VRDE), Ahmednagar (Maharashtra)

OR

- 2. Shift to gas based generators either by retrofitting existing generators for partial usage of gas (a mixture of diesel and gas) or employing a new gas-based generators.
- 3. The DG sets of capacity 1000 kVA and above shall be regulated under the Consent Regime as per the provisions of Air (Prevention and Control of Pollution) Act, 1981.

It is therefore, enforced upon all the users and the establishments within the jurisdiction of the State of Mizoram operating DG sets to comply with the above said directions within a period of 120 days from the date of issuance of this circular, failing which action as warranted under the provisions of Environment (Protection) Act, 1986 and the Air (Prevention and Control of Pollution) Act, 1981 shall be initiated.


25/8/26

(V LALENGMAWIA)

Member Secretary

Mizoram Pollution Control Board

