



LAKSHADWEEP POLLUTION CONTROL COMMITTEE
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CIRCULAR

Sub: LPCC-Retrofitting of Emission Control Devices/Equipment in DG sets with Capacity of 125 kVA to 800 kW in the U.T of Lakshadweep

Ref: (1) Honourable NGT Directions in OA 681/2018 dated 06/08/2019
(2) CPCB procedure for certification of the RECD dated 01.02.2022 namely "System and procedures for emission compliance testing of RECD for diesel

Whereas, Ministry of Environment, Forest & Climate Change (MoEF&CC), the Government of India, has launched the National Clean Air Programme (NCAP) for improvement of ambient air quality in the Country. It is recognized that major sources of air pollution are automobiles, DG sets and construction dust etc.

Whereas, the Government of India envisaged a national level target of 30% reduction of PM_{2.5} and PM₁₀ concentration in the ambient air under the National Clean Air Programme (NCAP). 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 require retrofitting of Emission Control Devices/Equipment on generators already in use.

The Hon'ble National Green Tribunal (NGT) had directed for reduction of Particulate Matters (PM) emitted by in-use diesel operated power generating sets. The Hon'ble National Green Tribunal (NGT) directed Central Pollution Control Board (CPCB) to develop and evolve the standards and norms for use of Retrofitted Emission Control Equipment or Devices (RECD).

Accordingly, CPCB formulated procedure for certification of the RECD namely "System and procedure for emission compliance testing of RECD for diesel power generating set engines up to gross mechanical power of 800 kW" on 01.02.2022. This is with the objective for reduction of Particulate Matters (PM) by using Retrofitted Emission Control Devices (RECDs) for in-use diesel operated internal combustion engines upto 800 kW (1000 kVA). The details of compliance and testing procedures developed by CPCB is available in their website and the same may be referred to.

The CPCB for the purpose of type approval and conformity of production verification compliance process, approved the following four testing agencies:

*mailed on
22/07/20*

1. Automotive Research Association of India, Pune, Maharashtra
2. International Centre for Automotive Technology, Manesar, Haryana
3. Indian Institute of Petroleum, Dehradun, Uttarakhand
4. Vehicle Research Development Establishment, Ahmednagar, Maharashtra

Hence, all Industries, Establishments, Projects, Buildings, Utilities, Airports, or any other places operating DG sets of capacity from 125 kVA to above, within the jurisdiction of the U.T. of Lakshadweep, are directed under section 5 of Environment (Protection) Act, 1986

1) To obtain consent to establishment from the LPCC as applicable and to follow the guidelines prescribed by the CPCB.

2) Retrofit all operational DG sets of capacity 125 kVA and above shall establish the compliance of minimum 70% reduction of Particulate Matter by using the retrofitted with an emission control device/equipment. For Diesel Power Generating Set Engines Up to Gross Mechanical Power 800 kW, the emission control device must be type approved as per CPCB System and Procedure for Emission Compliance Testing of Retro-fit Emission Control Devices (RECD)

(OR)

3) Shifting to gas-based generators by employing new gas-based generators or retrofitting the existing DG sets for partial gas usage.

It is therefore, enforced upon all the industries and establishments, projects, buildings, utilities, airports, or any other places operating DG sets of capacity 125 kVA and above within the jurisdiction of the UT of Lakshadweep to comply with the above said directions in the stipulated time period, failing which action as warranted under the provisions of Environment (Protection) Act, 1986 and Air (Prevention and Control of Pollution) Act, 1981 shall be initiated.



(Rajthilak S, IFS)
Member Secretary,
Lakshadweep Pollution Control Committee

File No. LD-03005/1/2026-LPCC-S & T

Dated st 21 July, 2026

To

All concerned Industries, Establishment, Departments and Organisations

Copy to:

1. PA to the Chairman, LPCC
2. DC/BDOs in all islands
3. LPCC website