



Delhi Pollution Control Committee

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F. No. DPCC/(1) (1)(314)/Air Lab/2021/ 199 - 209 Date: 02/07/2021

Sub: Directions under section 31 (A) of Air (Pollution and Control of Pollution) Act 1981 read with Rule 20A (6) of the Air (Pollution and Control of Pollution) (Union Territories) Rules, Act 1983 for Retrofitting of Emission Control Devices/Equipment in DG sets with a capacity of 125 kVA and above in NCT of Delhi

Whereas, Central Pollution Control Board is the State Board for all the Union Territories to exercise powers and performs functions under the Air (Prevention & Control of Pollution) Act, 1981.

And whereas, Central Pollution Control Board has delegated all its powers and functions under Air (Prevention and Control of Pollution) Act, 1981 in respect of NCT of Delhi to Delhi Pollution Control Committee vide Notification No. S.O. 198(E) dated 15.03.1991.

And whereas, the NCT of Delhi has been identified as Non-attainment City which does not meet the standards prescribed for Ambient Air Quality.

And whereas, Hon'ble NGT vide order dated 08.10.2018, in OA No. 681/2018 "For DG sets already operational, ensure either of the two options: (a) Use of retrofitted emission control equipment having a minimum specified Particulate Matter capturing efficiency of at least 70%, type approval by one of the five CPCB recognized Labs or; (b) Shifting to gas-based Generator by employing new gas-based generators or retrofitting the existing DG sets for partial gas usage.

And whereas, there is a plan for the national-level target of 20-30% reduction of PM2.5 and PM10 concentration in air pollution by 2024 under the National Clean Air Programme (NCAP) of the Government of India. Hon'ble NGT vide its order dated 06.08.2019 has observed that the timeline to reduce air pollution by 20-30% by 2024 needs to be further reduced and the target of reduction needs to be increased, having regard to an adverse effect on public health. It further observes that the air pollution caused by DG sets shall also be included in the action plan.

And whereas, the Government of India, MoEF&CC has launched the National Clean Air Programme for the prevention, control and abatement of air pollution level in the country at an urban and regional level. The Government of India recognizes significant sources of air pollution such as vehicles, DG sets, construction dust etc. As per the National Clean Air Programme, Government of India, Diesel Generators are a significant source of air pollution in Indian cities and states.

Now, therefore, with the above background, and in exercise of powers vested with the committee under Section 17 (1) J read with section 31 (A) of Air (Prevention and Control of Pollution) Act, 1981, all users of DG sets having capacity 125 kVA and above, are hereby directed to:

1. Retrofit all operational DG sets of capacity 125 kVA and above with an Emission Control Device / Equipment having a minimum specified Particulate matter capturing efficiency of at least of 70% in 5 mode D2 cycle. The Emission Control Device / Equipment must be tested over an ISO-8178 5 mode D2 cycle for

equivalent kVA rating at any one of the five Central Pollution Control Board, Govt, of India, recognized/approved laboratories as given below:

- a. Automotive Research Association of India, Pune (Maharashtra)
- b. International Centre for Automotive Technology, Manesar (Haryana)
- c. Indian Oil Corporation, Research and Development Centre, Faridabad (Haryana)
- d. Indian Institute of Petroleum, Dehradun (Uttarakhand);or
- e. Vehicle Research Development Establishment, Ahmednagar (Maharashtra)

(OR)

2. Shift to gas based Generators by employing new gas based generators

This is to be complied with within 120 days from the date of issuance of this order by all stakeholders in the NCT of Delhi.

Non-compliance with the above directions shall attract penal action as per the provisions of the Air (Prevention and Control of Pollution) Act, 1981 without further reference.


(Dr. K.S Jayachandran)
Member Secretary

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