



## ANDHRA PRADESH POLLUTION CONTROL BOARD

REGIONAL OFFICE, ANANTHAPURAMU

D.No.6-3-145,1st Floor, Revenue Ward No.6, Ram Nagar, Ananthapuramu – 515004

Tele:08554 226066; Email: [roatp-ee1@appcb.gov.in](mailto:roatp-ee1@appcb.gov.in)

**Lr.No.174/APPCB/RO/ATP/2021**

**Date: 23.11.2021**

### **NOTICE**

Sub: APPCB – RO: ATP –Retrofitting of Emission Control Devices/Equipment in DG sets with a capacity of 125 KVA and above in the state of Andhra Pradesh –Non-Compliance of the directions issued by APPCB vide Order dated 05.11.2020 - **Notice Issued**– Reg.

Ref: 1. APPCB Order No.APPCB/NGT/681 of 2018/DG SETS/HO/2020 dated:05.11.2020.  
2. E-mail dated:09.11.2020 from Board Office,Vijayawada.

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**WHEREAS**the Particulate Matter emissions due to operation of Gen-sets have also been identified as one of the major sources of emissions in the National Clean Air Programme and by the Honorable National Green Tribunal, in Original Application No. 681/2018.

**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, GoI, Diesel Generators are a significant source of air pollution in Indian cities and states.

**WHEREAS**, there is a plan for the national level target of 30% reduction of PM<sub>2.5</sub> and PM<sub>10</sub> concentration in the ambient air under the National Clean Air Programme, Government of India, wherein 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 the adverse effect on public health and in view of the 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 require retrofitting of Emission Control Devices/Equipment on generators already in use.

**WHEREAS**vide reference 1<sup>st</sup> cited above the APPCB issued directions under Section 31 (A) of Air (Prevention and Control of Pollution) Act, 1981 and section 5 of the Environment (Protection) Act 1986 to all the industries and establishments operating DG sets of capacity 125 KVA and above, within the jurisdiction of the state of Andhra Pradesh 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 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, 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.

**WHEREAS**vide reference 2<sup>nd</sup> cited above the APPCB has directed all the industries and establishment having DG set of capacity 125 KVA and above for Retrofitting of emission control devices and equipment in DG sets and to comply with the directions with in 120 Days. However, the APPCB has not received any compliance report from you till now.

Hence, you are hereby directed to carryout Retrofitting of emission control devices and equipment in DG sets as per the direction issued by the Board vide Order dated 05.11.2020 and to furnish the compliance report **within 15 days** from the date of receipt of this notice, failing which actions as warranted under the provisions of Environment (Protection) Act, 1986 and Air (Prevention and Control of Pollution) Act, 1981 shall be initiated.

**ENVIRONMENTAL ENGINEER**