



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार
MINISTRY OF ENVIRONMENT FOREST & CLIMATE CHANGE GOVT OF INDIA

SPEED POST

May 08, 2023

B-29016/04/06/IPC-I/१०३
To

The Chairman
Tamilnadu State Pollution Control Board
No. 100, Anna Salai
Guindy, Chennai - 600 032

SUB: DIRECTIONS UNDER SECTION 18(1)(B) OF THE AIR (PREVENTION & CONTROL OF POLLUTION) ACT, 1981 IN THE MATTER OF LEAKAGE OF OBNOXIOUS GASES FROM FACTORIES/PLANTS IN NORTH CHENNAI

WHEREAS, under Section 17 of the Water (Prevention & Control of Pollution) Act, 1974, and under Section 17 of the Air (Prevention & Control of Pollution) Act, 1981, one of the function of the State Pollution Control Boards (SPCBs)/Pollution Control Committees(PCCs) is to plan a comprehensive programme for the prevention, control or abatement of pollution of streams, wells and air pollution in the State/UT and to secure the execution thereof; and

WHEREAS, under section 16 of the Water (Prevention and Control of Pollution) Act, 1974 and under Section 16 of the Air (Prevention & Control of Pollution) Act, 1981, one of the functions of the Central Pollution Control Board (CPCB), constituted under Water (Prevention and Control of Pollution) Act, 1974 is to coordinate activities of the State Pollution Control Boards and Pollution Control Committees and to provide technical assistance and guidance to SPCBs / PCCs; and

WHEREAS, a reference from Shri R. Girirajan, Hon'ble M.P. Rajya Sabha regarding the issue of odour problem at Thiruvottiyur, Manali, Ernavur, Madhavaram due to industries has been received through MoEFCC vide letter dated 2.1.2023; and

WHEREAS, a joint team of officers from CPCB Regional office Chennai along with a Tamilnadu Pollution Control Board carried out inspection and monitoring at sixteen industries in the Manali industrial area along with ambient air quality survey at five locations i.e. Ernavoor, Thiruvattiyur, Madhavaram & Manali (2 locations) during February 06 to 12, 2023 and observed the following:

- The source emission standard for VOCs of four industries M/s Indian Additives Limited (IAL), M/s Tamilnadu Petro products Limited (LAB Plant) (TPL-LAB), M/s Manali Petrochemicals Limited, Plant - II (MPL - II), M/s Supreme Petrochem Ltd. (SPL) are not meeting the prescribed norms.
- The source emission monitoring results of M/s Indian Additives Limited (IAL) indicates that VOC (EB, Styrene, Toluene, Xylene, Aromatics) parameter is exceeding the prescribed limits at Phenate unit scrubber ($338.31 \text{ mg/Nm}^3 > 100 \text{ mg/Nm}^3$) and New Caustic Scrubber-Zn unit scrubber ($424.30 \text{ mg/Nm}^3 > 100 \text{ mg/Nm}^3$).
- The source emission monitoring results of M/s Tamilnadu Petro products Limited (LAB Plant) indicates that VOC (EB, Styrene, Toluene, Xylene, Aromatics) parameter is exceeding the prescribed limit at furnace ($200.7 \text{ mg/Nm}^3 > 100 \text{ mg/Nm}^3$).

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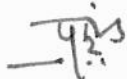
दूरभाष/Tel : 43102030, 22305792, वेबसाईट/Website : www.cpcb.nic.in

- d. The source emission monitoring results of M/s Manali Petrochemicals Limited, Plant - II indicate that Benzene ($8.31 \text{ mg/Nm}^3 > 5 \text{ mg/Nm}^3$) and VOC (EB, Styrene, Toluene, Xylene, Aromatics) ($227.69 \text{ mg/Nm}^3 > 100 \text{ mg/Nm}^3$) parameters are exceeding the prescribed limits at stack.
- e. The source emission monitoring results of M/s Supreme Petrochem Ltd. (SPL) indicate that Benzene ($7.72 \text{ mg/Nm}^3 > 5 \text{ mg/Nm}^3$) and VOC (EB, Styrene, Toluene, Xylene, Aromatics) ($109.88 \text{ mg/Nm}^3 > 100 \text{ mg/Nm}^3$) parameters are exceeding the prescribed limits at reactor-2 vent.

NOW THEREFORE, in exercise of the powers conferred under Section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974, and 18 (1) (b) of the Air (Prevention & Control of Pollution) Act, 1981 Tamilnadu Pollution Control Board (TNPCB) is hereby directed to take appropriate action for compliance of following directions

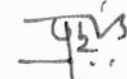
- i. The industries shall be directed to upgrade the air pollution control devices (APCDs) so as to control the VOCs emissions at the stacks within the prescribe limit(s).
- ii. The industry specific limits may be prescribed in the consent to operate(CTO) issued by TNPCB and standards may be developed for other industries wherever there is potential for emission of odour causing gases.
- iii. A detailed long term study for individual industry and ambient air in the region to be carried out to identify the sources and control odour causing components such as VOCs in the industrial area by engaging any reputed Government institute and shall submit report within 90 days time.

TNPCB shall acknowledge the receipt of directions immediately and action taken report to ensure compliance of above directions shall be submitted within 30 days from the date of receipt of directions.


(Prashant Gargava)
Member Secretary

Copy to:

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2. The Regional Director
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Tamil Nadu 600 058,
3. The Incharge, IT, CPCB
4. DH-PCP, CPCB


(Prashant Gargava)
Member Secretary