



Environment & Forests (EC.3)
Department, Secretariat,
Chennai- 600 009

Letter (Ms.) No. 93/EC.3/2019, Dated : 17.09.2019

From
Thiru. Shambhu Kallollikar, I.A.S.,
Principal Secretary to Government

To
The Chairman,
Tamil Nadu Pollution Control Board,
Chennai-32.

The Member Secretary,
Chennai Metropolitan Development Authority,
Chennai- 8.

The Director of Town and Country Planning,
Chennai -5.

Sir,

Sub: Implementation of Announcement made by Hon'ble Minister (Environment) -- Tamil Nadu Pollution Control Board - Industries - Expert Committee Report - Recommendations - Exempt the Foundries from the purview of G.O.(Ms.)No.127, Environment and Forests (EC.3) Department, dated 08.05.1998 - Amendment Orders - Issued.

- Ref:
1. G.O.(Ms.)No.213, Environment and Forests (EC.3) Department, dated 30.3.1989
 2. G.O.(Ms.)No.127, Environment and Forests (EC.3) Department, dated 8.5.1998
 3. G.O.(D)No.223, Environment and Forests (EC.3) Department, dated 2.9.1998
 4. Government Letter (Ms)No.181, Environment and Forests Department, dated 19.11.2003
 5. Government Letter (Ms) No.8, Environment and Forests (EC.3) Department, dated 13.1.2007.
 6. Government Letter (Ms.) No. 46, Environment and Forests (EC.3) Department, dated 08.03.2010

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7. Letter (Ms.) No.85/EC.3/2019, Environment and Forests (EC,3) Department, dated 26.8.2019.
8. From the Chairman (FAC), Tamil Nadu Pollution Control Board letter No. T5/TNPCB/ F.16704/ 2019 dated 1.8.2019.

I am directed to state that in the Tamil Nadu Legislative Assembly on 01.07.2019, during the Budget Demand for the year 2019-2020, the Hon'ble Minister for Environment has made announcement on the floor of Assembly that Board shall form an Expert Committee to study and exempt the Foundries from the purview of G.O. Ms. No. 127, Environment and Forests Department, dated 08.05.1998.

2. I am also directed to state that in the Government order first read above, the Government have imposed total ban on the setting up of the Highly polluting industries listed in Annexure - I within one Kilometer from the embankments of the water sources mentioned in Annexure - II to that order. In the list 14 types of Highly polluting Industries (mentioned in Annexure - I to G.O.(Ms).No.213, Environment and Forests Department, dated.30.3.1989) "Foundry" (Serial Number 14) has been included as one of the Highly polluting industries.

3. In the Government order second read above the Government have ordered ban on the setting up of the Highly Polluting Industries mentioned in Annexure I of G.O.(Ms).No.213, Environment and Forests Department, dated; 30.03.1989 within 5 Kilometers from the embankments of river Cauvery and its tributaries, Pennaiyar, Palar, Vaigai and Tamiraparani.

4. In Government letter sixth read above, it has been decided that the applications received from the existing industries located in the banned areas seeking expansion of existing capacities will be considered on merit on the basis of recommendations by the Tamil Nadu Pollution Control Board, imposing conditions like Zero Liquid Discharge with Reject Management System (ZLD with RMS) and other conditions.

5. The Chairman, Tamil Nadu Pollution Control Board in the letter eighth read above has stated that there were representations from the Institute of Foundry men, Coimbatore Chapter and The Coimbatore District Small Scale Industries Association (CODISSA) requesting the Hon'ble Minister for Environment to review and withdraw/remove the existing rule of foundries location to be away from rivers/water bodies by 5 Kms/within 5 Kms, because modern foundries irrespective of capacities have adopted Zero Polluting Technologies like Scrubbers, Filters and Dampeners. In view of present level of controls and monitoring equipment deployed in Foundries all induction melting foundries are Zero Discharge.

6. The Chairman, Tamil Nadu Pollution Control Board has further stated that, in this regard, the Board has constituted an Expert Committee for Re-examining the G.O. (Ms.) No. 127, Environment and Forests Department, dated 08.05.1998 and the Committee submitted it's Foundry Report-May, 2019 with the following recommendations:

New foundry units as well as expansion of existing foundries without insisting for G.O relaxation can be allowed at a distance more than 1 Km from the water bodies mentioned in the G.O. Ms. No. 127, Environment and Forests Department, dated 08.05.1998, subject to the following conditions:-

1. (a) New/Proposed foundry establish with Induction Furnace/Cupola Furnace with wet or dry Scrubber are exempted under G.O.(Ms.)No.127, Environment and Forests Department, dated 08.05.1998.

(b) Existing industry having valid consent order are permitted to go for expansion with existing furnaces by addition of Induction / Cupola furnace for the expansion quantity or conversion of existing furnaces to Induction Furnace/Cupola Furnace with NPC designed Wet Scrubber or Dry Scrubber are exempted under G.O.(Ms.)No.127, Environment and Forests Department, dated 08.05.1998

(c) Any conversion/modernization of the plant other than the furnaces having valid consent order permitted under G.O.(Ms.)No.127 Environment and Forests Department, dated 08.05.1998
2. Foundry units generate more than 10 KLD of sewage shall install STP for treatment and to have adequate land so as to gardening the treated sewage at the norm of 35 KL/hectare of land for disposal of treated sewage. Medium scale foundries (generation of sewage is 5-10 KLD) shall install septic tank with dispersion trench and small scale foundries (generation of sewage is <5 KLD) shall install septic tank with soak pit for treatment and disposal of sewage.
3. All the new foundries/expansion of the existing foundries shall dispose the waste water from scrubber for mould preparation or in to elevated solar evaporation pan. There shall not be any discharge of waste water in to land or water sources directly or indirectly.
4. All foundries irrespective of use of any type of sand, the used sand to be recycled directly or indirectly about 75-80%. The burnt sand and slag has to be disposed either for fire bricks/fly ash bricks/hollow bricks making. Residues from Solar Evaporation Pan shall be disposed along with burnt sand.
5. All the foundries combinedly or individually shall dispose the solid wastes such as slag for construction purposes or making fire clay bricks/fly ash bricks/hollow blocks after pulverizing.

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7. Based on the Expert Committee Report, the Chairman, Tamil Nadu Pollution Control Board in his letter eighth read above has requested the Government to consider for issuing amendment to G.O (Ms). No. 127, Environment and Forests department, dated 08.05.1998 by exempting the foundry.

8. The Government, after careful examination of the proposal of the Chairman, Tamil Nadu Pollution Control Board, accept the report of the Expert Committee and issue amendment to G.O. (Ms.) No. 127, Environment and Forests Department, dated 08.05.1998 by exempting the foundry, subject to the conditions.

Yours faithfully,

P. Selvi
17.9.19

For Principal Secretary to Government

17/9/19

Copy to:

- The Member Secretary, Tamil Nadu Pollution Control Board, Chennai - 32.
- Industries Department, Secretariat, Chennai 9.
- Energy Department, Secretariat, Chennai - 9.
- The Senior Personal Assistant to Hon'ble Chief Minister, Chennai -9.
- The Senior Personal Assistant to Hon'ble Minister (Environment), Chennai -9