



ABSTRACT

Environment, Climate Change – Tamil Nadu Pollution Control Board – Revision of Sampling and Analytical Charges for Air Samples on par with the Central Pollution Control Board Notification, dated.23.02.2022 - Orders – Issued.

ENVIRONMENT, CLIMATE CHANGE AND FOREST (EC.4) DEPARTMENT

G.O.(2D).No.76

Dated:21.08.2024

குரோதி, ஆவணி - 5

திருவள்ளூர் ஆண்டு -2055

Read:

From the Chairperson, Tamil Nadu Pollution Control Board Letter No.TNPCB/DD(L)/02031/2019-2-A, dated.16.02.2024.

ORDER:

In the letter read above, the Chairperson, Tamil Nadu Pollution Control Board has stated that the Central Pollution Control Board (CPCB) has revised the sampling and analytical charges for Air samples vide Gazette Notification (No. Legal/42(3)/87) dated 23.02.2022. During the earlier revision of sampling and analytical charges in 2021, the Government of India permitted the Tamil Nadu Pollution Control Board to take an appropriate decision to adopt the rate notified by the Central Pollution Control Board (CPCB).

2. The proposal for revision of sampling and analytical charges as per the current Central Pollution Control Board (CPCB) notification for the Water / Wastewater / Biological Test / Soil / Hazardous Waste / Fugitive emission / Auto exhaust, Noise monitoring and Ambient Air Quality Monitoring of the Tamil Nadu Pollution Control Board was placed before the Board on 20.10.2022. The Board has resolved to approve the above proposal and directed to address the Government of Tamil Nadu to issue a notification in the Gazette in the exercise of powers conferred by Section 64 of the Tamil Nadu Water (Prevention and Control of Pollution) Act, 1974 (Central Act 6 of 1974). The Chairperson, Tamil Nadu Pollution Control Board has requested to issue necessary orders to amend Rule 14-A of the Tamil Nadu Air (Prevention and Control of Pollution) Rules 1983 for the revision of sampling and analytical charges for Air samples on par with Central Pollution Control Board.

3. The Government, after careful examination, have decided to accept the proposal of the Chairperson, Tamil Nadu Pollution Control Board to amend Rule 14-A of the Tamil Nadu Air (Prevention and Control of Pollution) Rules 1983 for the revision of sampling and analytical charges for Air samples on par with the charges revised by Central Pollution Control Board vide its Notification (No. Legal/42(3)/87) dated 23.02.2022 as annexed to this order.

(P.T.O)

4. This order is issued with the concurrence of the Finance Department vide its reference No.5641220/Finance (Environment Climate Change & Forest)/2023, dated 09.07.2024.

(BY ORDER OF THE GOVERNOR)

P. SENTHILKUMAR
PRINCIPAL SECRETARY TO GOVERNMENT

To:

The Chairperson,

Tamil Nadu Pollution Control Board,
Chennai-32.

The Pay and Accounts Officer, Chennai -9/35

The Account General, Chennai -18

The Resident Audit Officer,

Office of the Principal Accountant General (G&SSA)
Secretariat, Chennai-09.

The Works Manager, Government Central Press, Chennai - 01.

Copy to:

Director, Department of Environment, Climate Change,
Chennai-15.

The Special/Senior Personal Assistant to
Hon'ble Minister for (Environment, Climate Change),
Chennai - 9.

The Private Secretary to Principal Secretary to Government,
Environment Climate Change & Forest Department, Chennai-9.

The Finance (BPE) Department, Secretariat, Chennai - 9.

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//FORWARDED // BY ORDER//


SECTION OFFICER



ANNEXURE-I

**G.O.(2D).No.76, ENVIRONMENT, CLIMATE CHANGE AND FOREST
(EC.4) DEPARTMENT, DATED.21.08.2024**

The Notification to Amend Rule 14 A of TN AIR (P & CP) Rules, 1983 is as follows:-

**SCHEDULE OF SAMPLING AND ANALYTICAL CHARGES FOR AIR
SAMPLES IN TAMILNADU POLLUTION CONTROL BOARD
LABORATORIES**

(I) Sampling charges for Ambient Air/Fugitive emission samples		
S. No.	Type of sampling	Charges in Rs.
1.	Air Monitoring	
	(a) Sampling (up to each 8 hrs) for suspended particulate matter and gaseous pollutants	3500.00
	(b) Sampling (24hrs) for suspended particulate matter and gaseous pollutants	10500.00
	(c) Sampling of Volatile Organic Compounds (VOCs) Benzene Toluene Xylene (BTX)	4800.00
	(d) Sampling of Poly Aromatic Hydrocarbons (PAHs)	8600.00
	(e) Sampling (24 hrs using PUF HVS) of Ambient Air for Dioxin- Furan(17 congeners of PCDDs-PCDFs)	20500.00
Note:		
(i) Transportation charges will be separate as per actual basis.		
(ii) Sample analysis charges of respective parameters are separate as per list		
(II) Source Emission Monitoring/Sampling charges		
S.No.	Type of sampling	Charges in Rs.
1.	Source Emission Monitoring	
	(a) Sampling/measurement of Velocity, Flow rate, temperature and molecular weight of Flue Gas (each specific location / each sample in duplicate for the mentioned parameter)	13000.00
	(b) Sampling of SO ₂ /NO ₂	4800.00

(P.T.O)

	(c) Sampling of Volatile Organic Compounds (VOCs)/Benzene Toluene Xylene (BTX)	7200.00
	(d) Sampling of Poly Aromatic Hydrocarbons (PAHs)	12000.00
	(e) Sampling of emission from stationary source for Dioxin-Furan (17 congeners of PCDDs-PCDFs) using Manual sampling kit	25000.00
	(f) Sampling of emission from stationary sources for halides and hydrogen fluoride (HCL & HF) using manual sampling kit (Duplicate sample)	10000.00
	(g) Sampling of emission from stationary sources for TOC using instrumental method	5000.00

Note:

- (i) Transportation charges will be separate as per actual basis.
- (ii) Sample analysis charges of respective parameters are separate as per list

(III)	Noise Monitoring	
S. No.	Type of sampling	Charges in Rs.
1.	Noise Monitoring	
	(a). First Monitoring (5 stations)	7000.00
	(b) Each Subsequent Monitoring within the same premises for each station	3500.00
	(c) For 08 hours of Continuous Monitoring or more	18000.00

Note:

- (i). Transportation charges will be separate as per actual basis.
- (ii). Sample analysis charges of respective parameters are separate as per list

B. ANALYSIS CHARGES

(I)	Analysis Charges of Ambient Air/Fugitive Emission Samples	
S.No.	Parameters	Charges in Rs.
1	Ammonia	1450.00

2	Analysis using dragger (per tube)	950.00
3	Benzene Toluene Xylene (BTX)	2450.00
4	Carbon Monoxide	1450.00
5	Chlorine	1450.00
6	Fluoride (gaseous)	1450.00
7	Fluoride (particulate)	1450.00
8	Hydrogen Chloride	1450.00
9	Hydrogen Sulphide	1450.00
10	Lead & Other metals (per metal)	As mentioned in respective group at Clause 5.0
11	NO ₂	1450.00
12	Ozone	2450.00
13	Poly Aromatic Hydrocarbons (PAHs)	As mentioned in respective group at Clause 5.0
14	Suspended Particulate Matter (SPM)	1120.00
15	Particulate Matter (PM _{2.5})	1900.00
16	Respirable Suspended Particulate Matter (PM ₁₀)	1120.00
17	Sulphur Dioxide	1120.00
18	Volatile Organics Carbon	4750.00
19	Trace Metals on air filter paper using EDXRF aluminium, Antimony, Arsenic, Barium, Bromine, Cadmium, Calcium, Cesium, Chlorine, Chromium, Cobalt, Copper, Gallium, Germanium, Gold, Iodine, Iron, Lanthanum, Lead, Magnesium, Manganese, Molybdenum, Nickel, Palladium, Phosphorous, Potassium, Rubidium, Rutherfordium, Selenium, Silicon, Silver, Sodium, Strontium, Sulphur, Tellurium, Tin, Titanium, Tungsten, Vanadium, Ytterbium and Zinc.	6000.00 Per filter paper
20	Water Extractable ions in Air Particulate Matter using Ion Chromatograph (IC)	

	(i) Processing / Pre-treatment Charge per Sample (Filter Paper)	560.00
	(ii) Cations (Na ⁺ , NH ₄ ⁺ , K ⁺ , Ca ⁺² & Mg ⁺²) and Anions (F ⁻ , Br ⁻ , Cl ⁻ , NO ₃ ⁻ , NO ₂ ⁻ , SO ₄ ⁻² & PO ₄ ⁻³)	3500.00 (for 12 ions)
21	Organic and Elemental Carbon (OC/EC) on quartz filter paper	4800.00
22	Sample processing and analysis for Dioxin-Furan (PCDDs-PCDFs 17 congeners) (Isotope Dilution method using GC-HRMS)	75000.00
(II) Analysis Charges for Source Emission Parameters		
S.No.	Parameters	Charges in Rs.
1	Acid Mist	1450.00
2	Ammonia	1450.00
3	Carbon Monoxide	1450.00
4	Chlorine	1450.00
5	Fluoride (Gaseous)	1450.00
6	Fluorides (Particulate)	1450.00
7	Hydrogen Chloride	1450.00
8	Hydrogen Sulphide	1450.00
9	Oxides of Nitrogen	1450.00
10	Oxygen	1200.00
11	Polycyclic Aromatic Hydrocarbons (Particulate)	As mentioned in respective group at Clause 5.0
12	Suspended Particulate Matter	1450.00
13	Sulphur Dioxide	1450.00
14	Benzene Toluene Xylene (BTX)	3700.00
15	Volatile Organic Compounds (VOCs)	7250.00
16	Sample processing and analysis for Dioxin-Furan (17 congeners of PCDDs-PCDFs) (Isotope Dilution method using GC-HRMS)	75000.00

17	Processing and analysis of halides and hydrogen fluoride (HCL & HF) IC method	1575.00
18	Analysis of Carbon di sulfide	1120.00
(III)	Ambient Air Quality Monitoring using online monitoring instruments by Mobile Van	
S.No.	Parameters	Charges in Rs.
1	PM10, PM2.5, SO ₂ , NO _x , SPM, CO along with Meteorological data viz., Temperature, Humidity, Wind speed, Wind direction	6200.00 per hour (Minimum charges Rs.15,000/-) + Rs.50/km run of the van for 24 hours monitoring
(IV)	Auto Exhaust Monitoring — One-time checking of vehicular exhaust	
S.No.	Parameters	Charges in Rs.
1	Carbon Monoxide %	As per rate notified by Transport Department
2	Hydrocarbon, PPM	
3	Smoke Density, HSU	
(V)	AQC Participation Fees: To be charged by TNPCB from respective SPCBs/PCCs or Recognized Laboratory for Analytical Quality Control exercise (AQC) samples.	
1	Laboratories of Govt. / Semi Govt./Public Sector Undertaken/Autonomous bodies.	20000.00
2	Private Sector Laboratories.	30000.00

P. SENTHILKUMAR
PRINCIPAL SECRETARY TO GOVERNMENT

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D. P. Senthil Kumar
21/8/24
SECTION OFFICER

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