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MAHARASHTRA POLLUTION CONTROL BOARD

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व.स.प.स.ब. - 1318

The Regional Officer,
Maharashtra Pollution Control Board,
Mumbai/Nav Mumbai/Thane/Nashik/Pune/Kolhapur/
Raigad/Aurangabad/Nagpur/Amravati/Kalyan./HQ/P & P.

The Sub-Regional Officer,
Maharashtra Pollution Control Board,
Mumbai-I/Mumbai-III/Mumbai-IV/Nav Mumbai-I/Nav Mumbai-III/
Thane-I/Thane-II/Thane-III/Tarapur-I/Tarapur-II/Nashik/Jaigaon-I/Jaigaon-II/
Ahmednagar/Pune-I/Pune-II/Pimpri-Chinchwad/Satara/Solapur/Kolhapur/
Sangli/Ratnagiri/Chiplun/Raigad-I/Raigad-II/Raigad-III/Mahad/Aurangabad-I/
Aurangabad-II/Aurangabad-III/Nanded/Nagpur-I/Nagpur-II/Nagpur-III/Nagpur-IV/
Chandrapur/Amravati-I/Amravati-II/Akola/Kalyan-I/Kalyan-II/Kalyan-III.

S.B.O./U.O./S.O. to S.O. 10, 11 Nav Mumbai/Nagpur-III/Aurangabad-III/Chiplun/
Pune-I/Gadchiroli-III/III/Nashik-II, Thane-I & II

All S.O. MPCB

All U.S.O.s, MPCB

STANDING ORDER

In exercise of the powers conferred under Sub-Section 2 of Section 17 read with Sub-Section 1 of Section 4 of the Water (Prevention & Control of Pollution) Act, 1974 (Act No.6 of 1974) alongwith the Rule 32 of the Maharashtra Water (Prevention & Control. of Pollution) Rules, 1983 and under Sub-Section 3 of Section 17 read with Sub-Section 3 of Section 5 of the Air (Prevention & Control of Pollution) Act, 1981 alongwith the Rule-29 of the Maharashtra Air (Prevention & Control of Pollution) Rules, 1983, the fee payable to the Maharashtra Pollution Control Board in respect of each report of analysis for various analytical parameters and sampling charges for the water, waste water, soil, Hazardous Waste; air/fugitive emissions, source emission, noise monitoring, auto-exhaust monitoring and ambient air quality monitoring in Schedule-II are revised and substituted in the year, 1995 by the Maharashtra Pollution Control Board vide Circular No.WP/B-1732, dated 04-05-1995, taking into consideration costs of the Laboratory equipments, manpower, chemicals had gone up.

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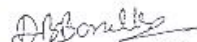
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After 1995, the Central Pollution Control Board has revised the fees prescribed under Schedule-II in the Water (Prevention & Control of Pollution) Rules, 1975 made by the Central Government after consultation with the Central Pollution Control Board, taking into consideration the increased cost of Laboratory equipments, manpower, chemicals etc. as well as the 'Precautionary Principle' and 'Polluter Pays Principle' laid down by Hon'ble Supreme Court of India in the Public Interest Litigation No.914/1991 (Vellore Citizen Welfare Forum Vs Union of India & Ors.) vide Government Resolution published in Extraordinary Part-II - Section 3 - Sub-Section-(ii).

In view of the above, the Maharashtra Pollution Control Board in its 139th Board Meeting held on 22/1/2004 has approved 40% increase in the existing charges in respect of all the parameters mentioned above. The fee prescribed by 40% increase in the existing charges is hereby made applicable w.e.f. 05-06-2004. The Schedule of sampling and analysis charges made applicable w.e.f. 05-06-2004 to the State of Maharashtra for Air, Water & Hazardous Waste as per decision taken in 139th Meeting of the Board held on 22/1/2004 is enclosed herewith for further necessary action.

Date: 5th June, 2004
Place: Mumbai

For & on behalf of,
Maharashtra Pollution Control Board


(D. B. Boralkar)
Member Secretary

Copy submitted to

1. Chairman, MPCB, Mumbai - for favour of information.
2. Secretary, Environment Deptt., Govt. of Maharashtra, Mantralaya, Mumbai-32 - for favour of information.

Copy to: Water Pollution Abatement Engineer/Air Pollution Abatement Engineer/
Enclosal Scientific Officer/Chief Accounts Officer/Law Officer (LW & HQ)/
Administrative Officer/Statistical Officer, MPCB

Copy to: All S.R.O.s in HQ

**SCHEDULE OF SAMPLING AND ANALYSIS CHARGES MADE APPLICABLE
W.E.F. 05-06-2004 TO THE STATE OF MAHARASHTRA FOR WATER, AIR AND
HAZARDOUS WASTE SAMPLES**

A. SAMPLING CHARGES :

(1) Sampling Charges for Ambient Air / Fugitive Emission Samples :

Sr. No.	Type of Sampling	Charges in Rs.
		As per decision taken in 139 th Board Meeting held on 22-01-2004
011	Air Monitoring	
	(a) Sampling (upto each 8 hrs.) For Suspended Particulate Matter and Gaseous Pollutants	700
	(b) Sampling (24 hrs.) For Suspended Particulate Matter and Gaseous Pollutants	2,100

Note: (i) Transportation charges will be separate on actuals.
(ii) Sample analysis charges of respective parameters will be extra as per list.

(2) Source Emission Monitoring / Sampling Charges :

Type	Charges in Rs.
	As per decision taken in 139 th Board Meeting held on 22-01-2004
Sampling/measurement of velocity, flow rate, temperature and molecular weight of Flue Gas (each specific location / each sample in duplicate for the mentioned parameter)	700

Note: (i) Transportation charges will be separate on actuals.
(ii) Sample analysis charges of respective parameters will be extra as per list.

(3) Noise Monitoring :

Type	Charges in Rs.
	As per decision taken in 139 th Board Meeting held on 22-01-2004
First Monitoring	1,400
Each subsequent Monitoring within same premises	280

Note: (i) Transportation charges will be extra on actuals

Charges for water and wastewater samples :

Sr. No.	Type of Sampling	Charges in Rs.
		As per decision taken in 139 th Board Meeting held on 22-01-2004
01]	GRAB SAMPLING : 1] Grab sampling/sample/place 2] For every additional Grab sampling at same point	700* 200*
02]	COMPOSITE SAMPLING : 1] Composite sampling/source/place upto 8 hrs. -do- upto 16 hrs. -do- upto 24 hrs.	750* 1,500* 2,250*
	2] For every additional composite sampling / sample place but difference source upto 8 hrs. -do- upto 16 hrs. -do- upto 24 hrs.	400* 800* 1,200*
03]	Flow rate measurement/source - once -do- - every additional	300* 100*

- Note : (i) Transportation charges will be extra on actuals.
(ii) Sample analysis charges of respective parameters will be extra as per list.
* (iii) New analysis charges of parameters as per CPCB, without any changes.

5) Sampling charges for Soil Samples :

Type	Charges in Rs.
	As per decision taken in 139 th Board Meeting held on 22-01-2004
1] Grab sampling/sample/place	400*
2] For additional Grab sampling / same place	200*

- Note : (i) Transportation charges will be extra on actuals.
(ii) Sample analysis charges of respective parameters will be extra as per list.
* (iii) New analysis charges of parameters as per CPCB, without any changes.

6) Hazardous Waste Sample collection charges at the premises of Industry/Import site / Disposal site :

Type	Charges in Rs.
	As per decision taken in 139 th Board Meeting held on 22-01-2004
Integrated Sample collection charges	700

- Note : (i) Transportation charges will be extra on actuals.
(ii) Sample analysis charges of respective parameters will be extra as per list.

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B. ANALYSIS CHARGES :

(1) Analysis Charges of Ambient Air /fugitive Emission Samples

Sr. No.	Parameters (Air)	Charges in Rs.
		As per decision taken in 139 th Board Meeting held on 22-01-2004
		140
01]	Acid Mist	140
02]	Acid Mist (additional)	140
03]	Ammonia	140
04]	Ammonia (additional)	140
05]	Analysis using dragger (per tube)	140
06]	Carbon Monoxide	140
07]	Chlorine	140
08]	Chlorine (additional)	140
09]	Cyanide (additional)	140
10]	Fluoride (gaseous)	140
11]	Fluoride (particulate)	140
12]	Hydrogen Chloride	140
13]	Hydrogen Sulphate	140
14]	Hydrogen Sulphide	140
15]	Lead & other metals (per metal)	140
16]	Mercaptan (additional)	140
17]	PAH (each compound)	140
18]	Particulate Matter	140
19]	Respirable Suspended Particulate Matter (PM ₁₀)	140
20]	Sulphur Dioxide	140
21]	NO ₂ (additional)	140
22]	Oxides of Nitrogen	140

(2) Analysis Charges for Source Emission Parameters :

Sr. No.	Parameters	Charges in Rs.
		As per decision taken in 139 th Board Meeting held on 22-01-2004
		350
01]	Particulate Matter	350
02]	Sulphur Dioxide	350
03]	Oxides of Nitrogen	350
04]	Acid Mist	350
05]	Ammonia	350
06]	Carbon Monoxide	350
07]	Chlorine	350
08]	Fluoride (gaseous)	350
09]	Fluoride (particulate)	350
10]	Hydrogen Sulphate	350
11]	Hydrogen Sulphide	350
12]	Hydrogen Chloride	350
13]	PAH (each compound)	350

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(3) Ambient Air Quality Monitoring using on-line monitoring instruments by Mobile Van :

Parameters	Charges in Rs.
	As per decision taken in 139 th Board Meeting held on 22-01-2004
SO ₂ , NO _x , SPM, CO alongwith Meteorological data viz. Temperature, humidity, wind speed, wind direction	350 / hr + Rs.14/km

(4) Auto Exhaust Monitoring - One time checking of vehicular exhaust :

Parameters	Charges in Rs.
	As per decision taken in 139 th Board Meeting held on 22-01-2004
Carbon Monoxide %	70
Hydrocarbon, PPM	70
Smoke Density, HSU	70

(5) Analysis charges of Water & Wastewater samples :

Sr No.	Parameters	Charges in Rs.
	PHYSICAL PARAMETERS	As per decision taken in 139 th Board Meeting held on 22-01-2004
01	Conductivity	20
02	Odour	40*
03	Sludge Volume Index (S.V.I)	150*
04	Solids (Dissolved)	70
05	Solids (Fixed) each	100*
06	Solids (Volitile) each	70
07	Suspended Solids	45
8	Temperature	40*
09	Total Solids	45
10	Turbidity	30
11	Velocity of Flow (Current Meter)	150*
12	Velocity of Flow (Other)	400*
13	Acidity	45
14	Alkalinity	45
15	Aluminium	100
16	Ammonical Nitrogen	120
17	Antimony	120
18	Adsorbable Organic Halogen (AOX)	1,500*
19	Arsenic	120
20	Barium	250*

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21	Beryllium	250*
22	Bicarbonate	75*
23	Biochemical Oxygen Demand (BOD)	210
24	Boron	100
25	Bromide	75*
26	Cadmium	120
27	Calcium (titrimetric)	50
28	Carbon Dioxide	75*
29	Carbonate	75*
30	Chloride	35
31	Chlorine Demand	150**
32	Chlorine Residual	30
33	Chromium Hexavalent	120
34	Chromium Total	120
35	Cobalt	120
36	Chemical Oxygen Demand (COD)	120
37	Colour	40*
38	Copper	120
39	Cyanide	100
40	Detergents	280
41	Dissolved Oxygen	45
42	Flow Rate measurement (first)	300*
43	Flow Rate measurement (additional)	115*
44	Fluoride	60
45	H. Acid	250*
46	Hardness (Calcium)	45
47	Hardness (total)	45
48	Hydroxide	75*
49	Iron	120
50	Lead	120
51	Magnesium	150*
52	Manganese	120
53	Mercury	120
54	Molybdenum	250*
55	Nickel	120
56	Nitrate Nitrogen	120
57	Nitrite Nitrogen	100
58	Oil & Grease	100
59	Polycyclic Aromatic Hydrocarbon (PAH)	750*
60	Percent Sodium	210
61	Permanganate Value	70
62	Pesticides (each)	140
63	pH	30
64	Phenol	120
65	Phosphate (ortho)	120
66	Phosphate (total)	120
67	Potassium	120
68	Sulfur	75*
69	Sulfur Dioxide	450*
70	Sodium Azide	120
71	Selenium	120

71]	Settleable Solids	75*
72]	Silica	100
73]	Silver	250*
74]	Sodium	120
75]	Strontium	250*
76]	Sulphate	35
77]	Sulphide	140
78]	Sulphite	250*
79]	Tannin/Lignin	250*
80]	Tin	250*
81]	Total Kjeldahl Nitrogen (TKN)	120
82]	Total Organic Carbon (TOC)	300*
83]	Urea Nitrogen	250*
84]	Vanadium	120
85]	Volatile Organic Acids	250*
86]	Zinc	120
	BIOLOGICAL TEST	
87]	Bacteriological Sample Collection	150*
88]	Benthos Organism Identification & Count (each sample)	450*
89]	Benthos Organism Sample Collection	750*
90]	Chlorophyll Estimation	450*
91]	E.Coli (MFT technique)	300*
92]	E.Coli (MPN technique)	250*
93]	Faecal Coliform (MFT technique)	300*
94]	Faecal Coliform (MPN technique)	420
95]	Faecal Streptococci (MFT technique)	375*
96]	Faecal Streptococci (MPN technique)	300*
97]	Plankton Sample Collection	150*
98]	Plankton (phytoplankton) count	450*
99]	Plankton (zooplankton) count	450*
100]	Standard plate count	100*
101]	Total Coliform (MFT technique)	300*
102]	Total Coliform (MPN technique)	250*
103]	Total Plate Count	250*
104]	Toxicological - Bio-assay (LC ₅₀)	2,200
105]	Toxicological - Dimensionless toxicity test	1,200*

Note : (i) Sampling charges for water and waste water samples will be additional as per list, but subject to minimum of Rs.500/- irrespective of number of samples.

(ii) Transportation charges will be additional on actual basis.

*(iii) New analysis charges of parameters as per CPCB, without any changes.

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(6) Analysis Charges of Soil Samples :

Sr No.	Soil Parameters	Charges in Rs.
		As per decision taken in 139 th Board Meeting held on 22-01-2004
PHYSICAL PARAMETERS		
		200*
01]	Ammonia	150*
02]	Bicarbonate	300*
03]	Boron	100*
04]	Calcium	250*
05]	Calcium Carbonate	300*
06]	Cation Exchange Capacity (CEC)	100*
07]	Chloride	40*
08]	Colour	75*
09]	Electrical Conductivity (EC)	400*
10]	Exchangeable Sodium Percentage (ESP)	250*
11]	Gypsum requirement	300*
12]	H. acid	300*
13]	Heavy Metal (trace element) each	200*
14]	Magnesium	100*
15]	Mechanical soil analysis (soil texture)	200*
16]	Nitrate	200*
17]	Nitrite	250*
18]	Nitrogen available	250*
19]	Organic Carbon/Matter (chemical method)	1,000*
20]	PAH	400*
21]	Pesticides (each)	75*
22]	pH	300*
23]	Phosphorous (available)	200*
24]	Phosphate (Orino)	300*
25]	Phosphate (total)	150*
26]	Potash (available)	200*
27]	Potassium	500*
28]	SAR in Soil extract	200*
29]	Sodium	75*
30]	Soil Moisture	150*
31]	Sulphate	250*
32]	Sulphur	300*
33]	TKN	400*
34]	TOC	50*
35]	Total water soluble salts	75*
36]	Water Holding capacity	

Note

- (i) Sampling charges for soil samples shall be additional as per list.
(ii) Transportation charges shall be additional on actual basis.
(iii) New analysis charges of parameters as per CPOE, without any changes.

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(7) Analysis Charges for Hazardous Waste Samples :

Sr. No.	Soil Parameters	Charges in Rs.
		As per decision taken in 139 th Board Meeting held on 22-01-2004
		700
01]	Preparation of Leachate (TCLP extract/Water extract)	
02]	Determination of various parameters in Leachate (Water sample analysis charges)	140 (each parameter)
03]	Flash point/Ignitibility/Boron	350
04]	Reactivity	350
05]	Corrosivity	350
06]	Measurement of Toxicity -	
	- LC ₅₀	1,400
	- Dimensionless Toxicity	1,400
		140
07]	Total Organic Carbon	1,500*
08]	Adsorbable Organic Halogen (AOx)	

*(iii) New analysis charges of parameters as per CPCB, without any changes