

Idma Laboratories Ltd

A Centre of Excellence in Quality Testing & Environmental Studies

Ref. IL/D. 6111 /20-21,

Dated- 27.07.2020

**Punjab Pollution Control Board
Air Lab, Vatavaran Bhawan
Nabha Road, Patiala**

Subject:- Testing Charges: Chemical, Biochemical and Environmental Analysis.

Dear Sir,

We give the our best of following Environmental testing Parameters.detail under as:-

1. Water & Waste Water

Physical & Chemical Parameters

Sr. No.	Test/Analysis	(Rs./Sample-Parameters)
1	BOD & COD (both)	1000
2	COD	1000
3	Colour	200
4	Chloride	450
5	Sulfide	450
6	Chlorine (Residual)	300
7	Chlorine	600
8	Conductivity	300
9	Salinity	400
10	Cyanide	600
11	Dissolved oxygen (DO)	500
12	Fluoride	500
13	Metals (by AAS) except Hg, As, Se	500 per metal
14	Metals (Hg)	750
15	Metal (As, Se)	750 each
16	Nitrogen-TKN (ammonical & organic)	700
17	Nitrogen (Ammonical)	400
18	Alkalinity	300
19	Active detergent/Surfacants	750
20	Adsorbable organic halogen (AOX, EOX, POX)	3500 each
21	Acidity	300
22	Free Ammonia	500
23	Nitrate (by Ion Analyzer)	500
24	Nitrite (Spectrophotometrically)	500
25	Oil & grease	500
26	pH	200
27	(A) Organochlorine Pesticides by GC (upto 17 compounds) (B) PAH (Poly Aromatic Hydrocarbon) by GC	12000
28	Phenolic compounds (Spectrophotometrically)	500



Business Divisions

- Testing, Analysis & Quality Control Assurance
- Environmental Management Services
- EIA Studies & Environment Compliance Reporting & Turnkey Projects

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Sr. No.	Test/Analysis	(Rs./Sample-Parameters)
29	Hardness (Total, Permanent, Temporary, Calcium, Magnesium)	300 each
30	Phosphate	450
31	Sulphates	450
32	Total dissolved solid	500
33	Total suspended solid	500
34	Total volatile solid	500
35	Odour/Taste	100 each
36	Temperature	150
37	Turbidity	300
38	Toxicity assay (bio-assay)	2000
39	Volatile fatty acids	400
40	MLSS	500
41	MLVSS	500
42	Boron	500
43	Chlorophyll (Spectrophotometrically)	750
44	Carbon dioxide	400
45	Sodium Absorption Ratio (SAR)	1200
46	Residual Sodium Carbonate (RSC)	1200
47	Silica	600

Microbiological Parameters

Sr. No.	Test/Analysis	(Rs./Sample-Parameters)
48	MPN/Coliform	750
49	Total Plate Count (TPC)	750
50	E-Coli	750
51	F- Coli	750
52	Yeast & Mould	750
53	Proteolytic bacteria	850
54	Lipolytic bacteria	850
55	Faecal Streptococci	850
56	Bacterial Growth inhibition Test	1200

2. Ambient Air/Fugitive Emission

Sr. No.	Test/Analysis	(Rs./Sample-Parameters)
1	PM10	1500
2	PM2.5	1500
3	SO2	400
4	Nox	400
5	CS2	400
6	Chlorine	400
7	NH3	500
8	H2S	500
9	Fluoride	500
10	CO	750
11	Ozone	750



Sr. No.	Test/Analysis	(Rs./Sample-Parameters)
12	Benzene	500
13	Benzo (a)Pyrene	500
14	Arsenic	750
15	Nickel	750
16	BTX	1000
17	Lead	750
18	TSPM	750

3. Stack Gases/Source Emission

Sr. No.	Test/Analysis	(Rs./Sample-Parameters)
1	Acid mist	500
2	NH ₃	500
3	Cl ₂	500
4	CO	400
5	CO ₂	400
6	Gaseous fluoride	500
7	Metals (each element)	500
8	Arsenic	750
9	NO _x	400
10	NO ₂	400
11	O ₂	300
12	Particulate fluoride	500
13	Total fluoride (Particulate + Gaseous)	1200
14	Particulate Matter (PM)	1000
15	SO ₂	400
16	Temperature	200
17	Velocity	200
18	Total Hydro carbon	500
19	Hydrogen Cyanide (HCN)	750
20	Murcury	750
21	Manganese	400
22	Vanadium	400
23	Copper	400

4. Noise Level

Sr. No.	Test/Analysis	(Rs./Sample-Parameters)
1	Ambient noise (Day & Night)	1500
2	Work zone noise (leq)	500
3	DG Noise(Leq)	500



5. Sludge/Sediment

Sr. No.	Test/Analysis	(Rs./Sample-Parameters)
1	pH	300
2	Phosphorous	500
3	Sulphur	600
4	Volatile & nonvolatile matter	400
5	Calorific value (GCV)	1000
6	Metals (by AAS) except Hg, As, Se, Na, cd, Cr	500 each
7	Mercury (Hg)	750
8	Nitrogen (TKN)	750
9	Organic Carbon (dichromate method)	500
10	Moisture	250
11	Ash/Organic matter	400
12	Arsenic, Selenium (by AAS)	500 each
13	Silica as SiO ₂	750
14	Sample preparation	250
15	Specific Gravaity	500
16	Loss on Drying	500
17	WLT Water Leachate test	750
18	Fixed solids	500
19	Total solids	500
20	Loss on Ignition at 550 deg. C	500
21	Flash point	750
22	Paint filter Liquid	750
23	Oil & Grease	500
24	Strontium	500
25	Thallium	1000

6. SOIL

S. No.	Test /Analysis	(Rs./sample-Parameters)
1.	Bulk density	150
2.	Electrical conductivity (for aqueous solution)	350
3.	PH	300
4.	Water Holding Capacity	400
5.	Texture - Sand, Silt, Clay (by hydrometer)	750
6.	Porosity	500
7.	Organic carbon (by dichromate method)	500
8.	Available Nitrogen	850
9.	Available Phosphorous	500
10.	Available Nitrate	500
11.	Available Potassium	500
12.	Sodium Absorption Ratio (SAR)	1500
13.	Metals (by AAS) except As, Se, Hg	500 each
14.	As, Se	500 each
15.	Hg	850
16.	Total Microbial Count (TPC)	850
17.	MPN/Coliform	850



7. SAMPLING / COLLECTION CHARGES

S. No.	Activity	(Rs./sample)
1.	Monitoring visit charges	Rs. 3500.00 for upto 100 km distance
		Additional Rs.1000.00 for every additional 50 km distance
2.	Grab sampling of water, wastewater, soil, sludge etc.	No charges for the first 2 hours of sampling and Rs.1000.00 for every 4 hours of sampling
3.	Composite samples of wastewater streams	Rs. 3000.00 for a compositing period upto 10 hours
		Rs. 8000.00 for a compositing period of 24 hours
4.	Ambient air sampling	Rs. 2000.00 for the first location and Rs. 1000.00 per location for subsequent locations if sampling period is 8 hours or less
		Rs. 3000.00 for the first location and Rs. 1000.00 per location for subsequent locations if sampling period is > 8 hours upto 24 hours
5.	Stack monitoring	Rs. 1500.00 per stack

Terms & Conditons:-

1. GST will be charge extra as per applicable.
2. Expenses associated with the night stay shall be borne by the customer
3. Sampling/collection charges for more than 500 km will be provided on request.

**Thanks & Regards
(Idma Laboratoreis Limited)**

(Approved)

