

**BEFORE THE NATIONAL GREEN TRIBUNAL PRINCIPAL  
BENCH, NEW DELHI**

IA No. 512/2024

IN

ORIGINAL APPLICATION NO. 693 OF 2023

IN THE MATTER OF:

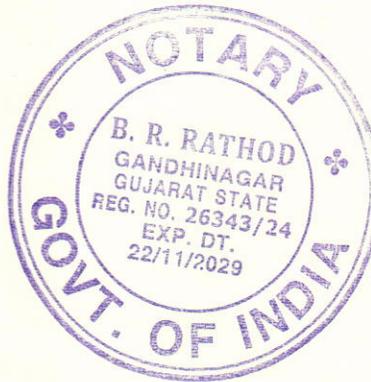
News Item titled "Pollution Control Boards are the weak link"  
appearing in Deccan Herald dated 24.10.2023.

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Filed on:02 .01.2026

Gandhinagar



  
UNIT HEAD  
GUJARAT POLLUTION  
CONTROL BOARD



 B. R. RATHOD  
 NOTARY  
 GOVT. OF INDIA

05 JAN 2026

**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL,  
 PRINCIPAL BENCH, AT NEW DELHI.  
 ORIGINAL APPLICATION NO. 693 OF 2023  
 (IA No. 512 OF 2024)**

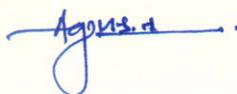
**IN THE MATTER OF:**

News Item titled "Pollution Control Boards are the weak link" appearing in Deccan Herald dated 24.10.2023.

**AFFIDAVIT ON BEHALF OF GUJARAT POLLUTION CONTROL BOARD IN COMPLIANCE OF THE ORDER DATED-14.10.2025 REGARDING STATUS OF FILLING VACANCIES, AND OF LABORATORY PARAMETERS AND OTHER DETAILS:**

I, Dr. Suresh N Agravat, aged about 49 years having office at Gujarat Pollution Control Board, Gandhinagar, do hereby solemnly affirm and declare as under: -

1. That I am presently working as a Senior Environment Scientist with Gujarat State Pollution Control Board (hereinafter referred to as the "GPCB"), and as I am well conversant with the facts and record of the present case, in my official capacity, I am competent and authorized to swear this affidavit on behalf of GPCB.
2. That the present affidavit is filed in compliance of the order dated 14.10.2025, wherein all the PCBs of the State and PCCs of UTs were directed to file the status report in terms of the earlier directions, and furnish an advance copy thereof to the Counsel for the Central Pollution Control Board.
3. It is humbly stated that in compliance of this Hon'ble Tribunal's earlier




order dated 28.01.2025, directing PCBs to provide the details to the Central Pollution Control Board disclosing the status of the upgradation of the laboratory infrastructure, the GPCB has already furnished the requisite information to the Central Pollution Control Board on 24.12.2025.

4. It is further submitted that the GPCB is filing the present affidavit in compliance of the earlier orders dated 28.01.2025 and 14.10.2025, for placing on record the status of vacancies in the category of Scientific, Engineering and Administration posts as on 30.11.2025.
5. It is humbly submitted that the total sanctioned posts in the GPCB are 794 (including 16 deputation post) out of which total filled posts as on 30.11.2025 are 289 total 505 posts are vacant. The statement regarding details of vacancies is annexed herewith and marked as "**Annexure-1**".
6. It is further submitted that the GPCB established its Central Environment Laboratory in year 1990, which is recognized as the Water Laboratory under section 17(2) of the Water Act vide Government of Gujarat notification No. GPCB/HO/CL/LAB-LGL-LOUD-21/18461(2)/750421 of 2023 and as Air Laboratory under section 17(2) of the Air Act vide Government of Gujarat notification No. GPCB/HO/CL/LAB-LGL-LOUD-21/18461(2)/750421 of 2023. The Copies of Gujarat Government Gazette dated 09/08/2023 bearing the annexure- B & D in the said notification is annexed hereto and marked as "**Annexure -2**".
7. It is most humbly submitted that at present there are 9 laboratories functioning in GPCB across the state. The GPCB's laboratory was first accredited by National Accreditation Board for Testing and Calibrations Laboratories (NABL) in the year 2011 in accordance with the standard ISO/ IEC/17025:2005, which is renewed and presently valid up to 18.12.2028 with the standard ISO/ IEC/17025:2017. Central Laboratory of GPCB is also recognized under EP Act, 1986, by CPCB vide its letter No. LB/99/7/2021-INST LAB-HO-CPCB-HO/Pvt./778 dated 16/07/2025



*[Handwritten signature]*

and valid up to 10/07/2028, which is annexed hereto and marked as "Annexure-3".

8. It is further submitted that currently the GPCB is in process of notifying its laboratories as State Water Laboratories under section 52(1) of Water Act 1974 and as State Air Laboratories under section 28(1) of Air Act 1981. The details of the laboratory and summary of parameters and equipment's is provided in the table, which is annexed herewith and marked as "Annexure-4".

9. I say that the facts stated hereinabove are true and correct to the best of my knowledge and information, and I believe the same to be true and correct.

Date: 05.01.2026.

Place; Gandhinagar.

Identified by me

*Rathod*  
(R R pandeef)  
Legal executive  
G.P.C.B

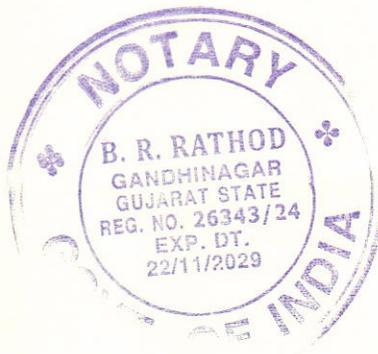
*Agarwal*  
.....  
DEPONENT

**VERIFICATION**

Whatever is stated in above paragraphs are statements of facts derived from the relevant record and files and are true to the best of my knowledge and I believe the same to be true.

Date: 05. 01. 2026

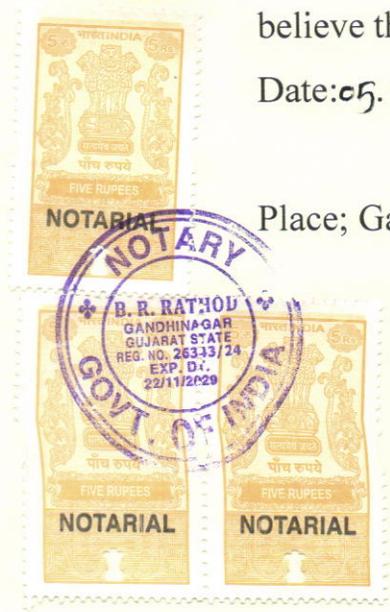
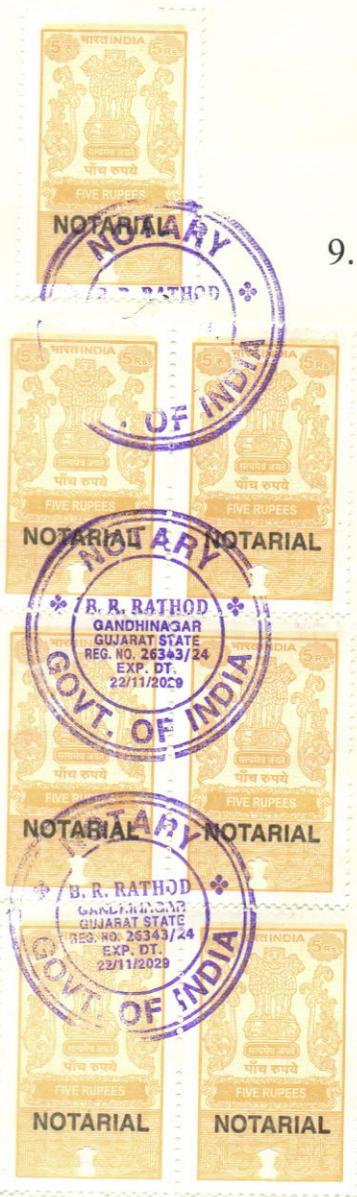
Place; Gandhinagar.



*Agarwal*  
.....  
DEPONENT

SOLEMNLY AFFIRMED  
BEFORE ME  
*Rathod*  
B. R. RATHOD  
NOTARY  
GOVT. OF INDIA

05 JAN 2026



PART A: STATUS OF FILLING OF VACANT POSTS							ANNEXURE-1
Name of the Board / Committee: GUJARAT POLLUTION CONTROL BOARD							
Category of post	Status of Sanctioned posts in Number			Details of current vacancies in number	Action Taken (Approval of the Govt. , Engagement agency, Advertisement, Exam date etc.)	The time line by which the vacancy will be filled (in months)	
	Sanctioned	Filled posts as on 30.11.2025	Current Vacancy as on 30.11.2025				
a) Scientific	309	105	204	a) Direct	191	An advertisement No.300/2025-26 for filling 08 posts of Senior Scientific Assistant (SSA) through special recruitment drive for Divyangjan has been published 05/05/2025 by the Gujarat Subordinate Services Selection Board (GSSSB). The result has also been declared by it on 04/12/2025. Now it is at the stage of Document Verificaton. In addition, an amended advertisement No.302/2025-26 for the recruitment of 161 SSA has been published on 26/09/2025 and the examination will be held on 18/01/2025.	The Recruiting Agency is the Government Body and they deal with State Level Recruitment Procedures. GPCB is in constant touch with it.
				b) Promotion	13		
				c) Deputation	0		
b) Engineering	379	152	227	a) Direct	216	An advertisement for the recruitment of 144 Assistant Environmental Engineer (AEE) has been published by the Gujarat Public Service Commission (GPSC) on 14/11/2024. The prelim exam (General Studies) was held on 23/02/2025 and subject related exam was held on 11/05/2025. The recruitment is at the stage of document verification by Gujarat Public Service Commission (GPSC).	The Recruiting Agency is the Constitutional Body and they deal with State Level Recruitment Procedures. GPCB is in constant touch with it.
				b) Promotion	11		
				c) Deputation	0		
c) Administration	106	32	74	a) Direct	20		
				b) Promotion	38		
				c) Deputation	16		
<b>Total</b>	<b>794</b>	<b>289</b>	<b>505</b>		<b>505</b>		
<b>Specific remarks, if any:</b>							
<b>NOTE:-</b>	For advertisement No.300/2025-26 of 08 posts of Senior Scientific Assistant (SSA) through special recruitment drive for Divyangjan vacancies will be filled most probably by April-2026. For Advertisement No.302/2025-26 of the posts of 161 SSA will be filled most probably by May-2026. For advertisement No. 79/2025-26 144 Assistant Environmental Engineer (AEE) will be filled up most probably by August-2026.						

Extra No. 92



सत्यमेव जयते

# The Gujarat Government Gazette

EXTRAORDINARY  
PUBLISHED BY AUTHORITY

Vol. LXIV ] WEDNESDAY, AUGUST 9, 2023 / SRAVANA 18, 1945

Separate paging is given to this Part in order that it may be filed as a Separate Compilation.

## PART IV-C

Statutory Rules and Orders (Other than those published in Parts I, I-A and I-L) made by Statutory Authorities other than the Government of Gujarat including those made by the Government of India, the High Courts, the Director of Municipalities, the Commissioner of Police, the Director of Prohibition and Excise, the District Magistrates and the Election Commission, Election Tribunals, Returning Officers and other authorities under the Election Commission.

### GUJARAT POLLUTION CONTROL BOARD NOTIFICATION

Paryavaran Bhavan, Sector-10/A, Gandhinagar, 9<sup>th</sup> August, 2023

No.GPCB/HO/CL/Lab-LGL-OUd-21/18461(2)/750421 of 2023. In exercise of the powers conferred by sub section (3) of section 53 of the Water (Prevention and Control of Pollution) Act, 1974 (No. 6 of 1974) as amended from time to time and with the approval of the Government of Gujarat, the Gujarat Pollution Control Board hereby appoints the following persons of the Board to be the Board Analysts for the purpose of analysis of samples of water or of sewage or trade effluent for analysis sent to any laboratory established or recognized under sub section (2) of section-17 of the Water (Prevention and Control of Pollution) Act, 1974.

Sr. No.	Employee No.	Name	Current Designation
1.	682	Dr. S. N. Agravat	Senior Environmental Scientist
2.	445	Dr. J. D. Oza	Senior Environmental Scientist
3.	335	Shri H. M. Gavit	Senior Scientific Officer
4.	247	Shri B. M. Makwana	Senior Scientific Officer
5.	330	Shri H. I. Maniar	Senior Scientific Officer
6.	328	Ms. V. M. Panhalkar	Senior Scientific Officer
7.	325	Shri. S. R. Parmar	Scientific Officer
8.	327	Shri B. M. Parmar	Scientific Officer
9.	329	Shri H. A. Rathod	Scientific Officer
10.	381	Ms. J. B. Pandya	Scientific Officer

4788

Sr. No.	Employee No.	Name	Current Designation
11.	387	Shri. B. N. Patel	Scientific Officer
12.	388	Shri B. R. Kunadia	Scientific Officer
13.	389	Shri P. H. Bhatt	Scientific Officer
14.	390	Shri B. N. Chauhan	Scientific Officer
15.	391	Dr. M. M. Page	Scientific Officer
16.	392	Shri A. D. Khandhediya	Scientific Officer
17.	395	Shri D. D. Patel	Scientific Officer
18.	397	Dr. M. H. Bhadrecha	Scientific Officer
19.	399	Shri R. C. Vasava	Scientific Officer
20.	400	Shri S. S. Valvi	Scientific Officer
21.	401	Shri. S. R. Patel	Scientific Officer
22.	405	Dr. R. M. Ramanuj	Scientific Officer
23.	406	Shri S. K. Vasava	Scientific Officer
24.	408	Shri S. S. Jayswal	Scientific Officer
25.	410	Shri M. M. Jadav	Scientific Officer
26.	414	Shri K. K. Lakum	Scientific Officer
27.	415	Shri T. A. Trivedi	Scientific Officer
28.	426	Shri C. C. Patel	Scientific Officer
29.	447	Shri R. K. Mehta	Scientific Officer
30.	450	Ms. I. A. Bhatt	Scientific Officer
31.	451	Shri M. J. Shah	Scientific Officer
32.	452	Shri B. M. Dolasiya	Scientific Officer
33.	456	Shri S. B. Patel	Scientific Officer
34.	515	Dr. P. S. Dave	Scientific Officer
35.	554	Shri B. N. Patel	Scientific Officer
36.	558	Ms. R. N. Kiri	Scientific Officer
37.	565	Dr. S. A. Patel	Scientific Officer
38.	576	Ms. R. M. Kantharia	Scientific Officer
39.	630	Dr. T. L. Patel	Scientific Officer
40.	631	Dr. D. M. Shukla	Scientific Officer
41.	641	Ms. M. V. Patel	Scientific Officer
42.	687	Ms. N. R. Vasava	Scientific Officer
43.	701	Shri M. R. Patel	Scientific Officer
44.	382	Ms. P. H. Parmar	Scientific Officer
45.	393	Shri D. B. Prajapati	Scientific Officer
46.	404	Shri T. N. Rana	Scientific Officer
47.	416	Shri N. V. Dashandi	Scientific Officer
48.	418	Shri H. S. Baraiya	Scientific Officer
49.	427	Shri R. D. Kothari	Scientific Officer
50.	453	Shri N. H. Parmar	Scientific Officer
51.	461	Shri R. R. Badgujar	Scientific Officer
52.	473	Ms. H. K. Shah	Scientific Officer
53.	474	Shri J. D. Patil	Scientific Officer
54.	487	Shri N. M. Kavar	Scientific Officer
55.	511	Shri D. S. Patel	Scientific Officer
56.	523	Shri R. P. Buha	Scientific Officer
57.	394	Shri K. H. Patel	Senior Scientific Assistant
58.	402	Shri L. U. Katariya	Senior Scientific Assistant
59.	420	Shri P. R. Jadav	Senior Scientific Assistant
60.	444	Ms. K. N. Pandya	Senior Scientific Assistant
61.	448	Shri A. V. Parmar	Senior Scientific Assistant

Sr. No.	Employee No.	Name	Current Designation
62.	454	Shri R. B. Makwana	Senior Scientific Assistant
63.	459	Ms. M. G. Bharucha	Senior Scientific Assistant
64.	460	Shri H. V. Rami	Senior Scientific Assistant
65.	462	Shri A. A. Gadhavi	Senior Scientific Assistant
66.	463	Shri N. K. Valand	Senior Scientific Assistant
67.	472	Shri H. M. Parmar	Senior Scientific Assistant
68.	475	Ms. F. M. Jadav	Senior Scientific Assistant
69.	476	Shri Y.V. Champaneri	Senior Scientific Assistant
70.	478	Shri G. M. Prajapati	Senior Scientific Assistant
71.	479	Shri D. R. Prajapati	Senior Scientific Assistant
72.	483	Shri L. V. Brahmhbhatt	Senior Scientific Assistant
73.	484	Shri K. J. Mistry	Senior Scientific Assistant
74.	485	Shri H. P. Maisuria	Senior Scientific Assistant
75.	488	Shri K. R. Malaviya	Senior Scientific Assistant
76.	490	Shri D. V. Chaudhary	Senior Scientific Assistant
77.	496	Shri J. S. Prajapati	Senior Scientific Assistant
78.	512	Shri V. D. Parmar	Senior Scientific Assistant
79.	514	Ms. S. M. Sonpal	Senior Scientific Assistant
80.	517	Shri B. P. Prajapati	Senior Scientific Assistant
81.	519	Shri N. K. Makavana	Senior Scientific Assistant
82.	521	Shri H. M. Sorathia	Senior Scientific Assistant
83.	522	Shri H. B. Jadhav	Senior Scientific Assistant
84.	524	Ms. P. I. Shaikh	Senior Scientific Assistant
85.	525	Shri M. J. Makwana	Senior Scientific Assistant
86.	530	Ms. K. M. Patel	Senior Scientific Assistant
87.	531	Shri D. L. Jani	Senior Scientific Assistant

1. This notification comes in force from date of its publication and in supersession of all the Notification issued earlier in this respect.
2. Recognition of the Board Analyst so mentioned in the notification shall be valid upto the superannuation or ceasing from the services of the Board.

Gandhinagar  
Date: 09.08.2023

**D. M. THAKER,**  
Member Secretary.

**GUJARAT POLLUTION CONTROL BOARD  
NOTIFICATION**

Paryavaran Bhavan, Sector-10/A, Gandhinagar, 9<sup>th</sup> August, 2023

**Annexure-B**

No.GPCB/HO/CL/Lab-LGL-ODD-21/18461(2)/750421 of 2023. In exercise of the powers conferred by sub section (2) of section-17 of the water (Prevention and Control of Pollution) Act, 1974 (No. 6 of 1974) Gujarat Pollution Control Board hereby establishes the following laboratories to enable it to perform its functions under the said section 17 efficiently namely:

01	Central Laboratory Gujarat Pollution Control Board, Head Office, "Paryavaran Bhavan", Sector-10/A, Gandhinagar-382 010
02	Regional Laboratory Regional Office, Gujarat Pollution Control Board, GERI Compound, Race Course Road, Vadodara-390007
03	Regional Laboratory Regional Office, Gujarat Pollution Control Board, C-1/119/3, GIDC Estate, Phase – II, Narmadanagar, Bharuch-392 015

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04	Regional Laboratory Regional Office, Gujarat Pollution Control Board, Plot No.:11-12/2,3;GIDC-Pandesara, Surat-394221.
05	Regional Laboratory Regional Office, Gujarat Pollution Control Board, Plot C-5/124, GIDC Vapi,Near Hotel Pritam, N. H.No.8, Dist: Valsad,Vapi-396 195.
06	Regional Laboratory Regional Office, Gujarat Pollution Control Board, Sardar Patel Commercial Complex,Rameshwar Nagar Kasturba Gandhi Vikas Gruh Marg, Bedi Bandar Road,Jamnagar- 361 008.
07	Regional Laboratory Regional Office, Gujarat Pollution Control Board, Near Union Bank,Race Course Ring Road, Rajkot-360 001
08	Regional Laboratory Regional Office, Gujarat Pollution Control Board, 1st floor, Swastik Complex, Plot No. 1616-1617, Near Vir Mokhdaji Circle, Ghoga Road,Bhavnagar 364 002.
09	Regional Laboratory Regional Office, Gujarat Pollution Control Board, Katira Commerical Complex-1, Near Mangalam Char Rasta, Sanskarnagar, Nr.Income Tax Office, Bhuj(Kutch)-370 001.

This notification comes in force from date of its publication and in supersession of all the Notification issued earlier in this respect.

Gandhinagar  
Date:09.08.2023

**D. M. THAKER,**  
Member Secretary.

**GUJARAT POLLUTION CONTROL BOARD  
NOTIFICATION**

Paryavaran Bhavan, Sector-10/A, Gandhinagar, 9<sup>th</sup> August, 2023

**Annexure-C**

**No.GPCB/HO/CL/Lab-LGL-ODD-21/18461(2)/ 750421 of 2023.** In exercise of the powers conferred by sub section (2) of section 29 of the Air (Prevention and Control of Pollution) Act, 1981 (No. 14 of 1981) as amended from time to time and with the approval of the Government of Gujarat, the Gujarat Pollution Control Board hereby appoints the following persons of the Board to be the Board Analysts for the purpose of analysis of samples of Air or emission sent to any laboratory established or recognized under sub section (2) of section 17 of the Air (Prevention and Control of Pollution) Act, 1981.

Sr. No.	Employee No.	Name	Current Designation
1.	682	Dr. S. N. Agravat	Senior Environmental Scientist
2.	445	Dr. J. D. Oza	Senior Environmental Scientist
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73.	484	Shri K. J. Mistry	Senior Scientific Assistant
74.	485	Shri H. P. Maisuria	Senior Scientific Assistant
75.	488	Shri K. R. Malaviya	Senior Scientific Assistant
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87.	531	Shri D. L. Jani	Senior Scientific Assistant

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2. Recognition of the Board Analyst so mentioned in the notification shall be valid upto the superannuation or ceasing from the services of the Board.

Gandhinagar  
Date:09.08.2023

**D. M. THAKER,**  
Member Secretary.

**GUJARAT POLLUTION CONTROL BOARD  
NOTIFICATION**

Paryavaran Bhavan, Sector-10/A, Gandhinagar, 9<sup>th</sup> August, 2023

**Annexure-D**

**No. GPCB/HO/CL/Lab-LGL-ODD-21/18461(2)/750421 of 2023.** In exercise of the powers conferred by sub section (2) of section-17 of the Air (Prevention and Control of Pollution) Act, 1981 (No. 14 of 1981) Gujarat Pollution Control Board hereby establishes the following laboratories to enable it to perform its functions under the said section-17 efficiently namely:

01	Central Laboratory Gujarat Pollution Control Board, Head Office, "Paryavaran Bhavan", Sector-10/A, Gandhinagar-382 010
02	Regional Laboratory Regional Office, Gujarat Pollution Control Board, GERI Compound, Race Course Road, Vadodara-390007
03	Regional Laboratory Regional Office, Gujarat Pollution Control Board, Shed C-1, 119/3, GIDC Estate, Phase-II, Narmadanagar, Bharuch-392 015.

04	Regional Laboratory Regional Office, Gujarat Pollution Control Board, Plot No.:11-12/2,3; GIDC-Pandesara, Surat-394 221.
05	Regional Laboratory Regional Office, Gujarat Pollution Control Board, Shed C-5/124, Vapi, GIDC, Near Hotel Pritam, Vapi, Dist: Valsad
06	Regional Laboratory Regional Office, Gujarat Pollution Control Board, Sardar Patel Complex,Rameshwarnagar, Bedi Bandar Road, Jamnagar
07	Regional Laboratory Regional Office, Gujarat Pollution Control Board, Near Big Bite Ice-Cream,Race Course Ring Road, Rajkot-360 001
08	Regional Laboratory Regional Office, Gujarat Pollution Control Board, Plot No. 1154/2-B, Ghogha Circle, Sar Patni Marg, Bhavnagar-364 004
09	Regional Laboratory Regional Office, Gujarat Pollution Control Board, Katira Complex-1, Mangalam Char Rasta, Near Income Tax Office, Sanskarnagar, Bhuj(Kutch)-370 001

This notification comes in force from date of its publication and in supersession of all the Notification issued earlier in this respect.

Gandhinagar  
Date:09.08.2023

**D. M. THAKER,**  
Member Secretary.



Signature Not Verified

Signed by: BHOLUSINGH G THAKUR  
Date: 2023.08.18 16:03:09 +05:30  
Reason: Validate Document  
Location: Government Central Press,  
Gandhinagar



4794

ANNEXURE 3 12

केन्द्रीय प्रदूषण नियंत्रण बोर्ड

CENTRAL POLLUTION CONTROL BOARD

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार.

MINISTRY OF ENVIRONMENT, FOREST &amp; CLIMATE CHANGE, GOVT. OF INDIA.

फा. सं. एलबी-2021/7/99/इंस्टलैब-एचओ-सीपीसीबी-एचओ / प्राइवेट / 1/18

16 जुलाई 2025

मान्यता पत्र

सेवा में,

प्रयोगशाला प्रमुख,  
मैसर्स केंद्रीय प्रयोगशाला गुजरात प्रदूषण नियंत्रण बोर्ड,  
पर्यावरण भवन सेक्टर-10 ए,  
गांधीनगर-382010, गुजरात।

विषय: पर्यावरण(संरक्षण) अधिनियम, 1986 के अंतर्गत पर्यावरणीय प्रयोगशाला के रूप में मैसर्स केंद्रीय प्रयोगशाला गुजरात प्रदूषण नियंत्रण बोर्ड, पर्यावरण भवन सेक्टर-10 ए, गांधीनगर-382010, गुजरात की मान्यता के बारे में।

महोदय,

केन्द्रीय प्रदूषण नियंत्रण बोर्ड(के.प्र.नि.बोर्ड) को पर्यावरण(संरक्षण) अधिनियम, 1986 के अंतर्गत पर्यावरण प्रयोगशालाओं की मान्यता के लिए दिशानिर्देशों के निबंधन और शर्तों की स्वीकृति के साथ आपके दिनांक 24/05/2024 के प्रस्तुत आवेदन के संदर्भ में, के.प्र.नि.बोर्ड के सक्षम प्राधिकारी ने पर्यावरण प्रयोगशाला और सरकार के विश्लेषक की मान्यता के नवीनीकरण को अनुमोदन प्रदान किया है। तत्पश्चात, मैसर्स केंद्रीय प्रयोगशाला गुजरात प्रदूषण नियंत्रण बोर्ड, पर्यावरण भवन सेक्टर-10 ए, गांधीनगर-382010, गुजरात को भारत की राजपत्र अधिसूचना में प्रयोगशाला की अनिवार्य प्रत्यायन/प्रमाणन की वर्तमान अपेक्षा को ध्यान में रखते हुए दिनांक 10/07/2028 (तीन साल) तक आईएसओ/ आईईसी 17025 और आईएस/आईएसओ 45001 की वैधता के साथ अधिसूचित किया जाएगा।

2. निम्नलिखित विश्लेषकों को सरकारी विश्लेषक के रूप में अनुमोदित किया गया है:

1. डॉ. सुरेश कुमार एन अग्रावत
2. श्री. एच ए राठौड़
3. निहारिका आर वसावा
4. डॉ. एम.एम. पेज
5. एच. डी. सोनारा
6. एस. ए. पटेल

3. प्रयोगशाला अनिवार्य रूप से स्वीकृत निबंधन और शर्तों का पालन करते हुए निम्नलिखित परीक्षणों करेगी:

- क. भौतिक परीक्षण: चालकता, रंग, पीएच, स्थिर और वाष्पशील ठोस, कुल ठोस, कुल विलीन ठोस, कुल निलंबित ठोस, आविलता, तापमान, वेग एवं निर्वहन औद्योगिक बहिःस्राव धारा का विसर्जन मापन, फ्लोक्यूलेशन टेस्ट (जार टेस्ट), लवणता, निपटान योग्य ठोस और आपक वॉल्यूम इंडेक्स (एसवीआई)।
- ख. अकार्बनिक (सामान्य और गैर-धात्विक): अम्लता, क्षारीयता, अमोनिकल नाइट्रोजन, क्लोराइड, क्लोरीन अवशिष्ट, विलीन ऑक्सीजन, फ्लोराइड, कुल कठोरता, कुल केजेल्डहल नाइट्रोजन (टीकेएन), नाइट्राइट नाइट्रोजन, नाइट्रेट नाइट्रोजन, फॉस्फेट, सल्फेट, ब्रोमाइड, साइनाइड, सल्फाइड और सल्फाइट।
- ग. अकार्बनिक (सूक्ष्म मात्रिक धातु): बोरॉन, कैडमियम, कैल्शियम, टोटल क्रोमियम, क्रोमियम हेक्सावैलेंट, तांबा, लोहा, सीसा, मैग्नीशियम, पारा, निकल, पोटेशियम, सोडियम, सोडियम अवशोषण अनुपात (एसएआर), जिंक, आर्सेनिक, एल्युमीनियम, एंटीमनी, बेरियम, बेरिलियम, कोबाल्ट, मैंगनीज, सेलेनियम, सिल्वर, टिन और वैनेडियम।
- घ. ऑर्गेनिक (सामान्य) और ट्रेस ऑर्गेनिक: बायोकेमिकल ऑक्सीजन डिमांड (बीओडी), रासायनिक ऑक्सीजन डिमांड (सीओडी), तेल और ग्रीस, फेनोलिक यौगिक, कीटनाशक (प्रत्येक) (ऑर्गेनो-क्लोरीन और ऑर्गेनो नाइट्रोजन-फॉस्फोरस), पॉली-क्लोरीनेटेड बाइफेनाइल (पीसीबी) (प्रत्येक), पॉलीन्यूक्लियर एरोमैटिक हाइड्रोकार्बन (पीएच), सर्फेक्टेंट और टोटल ऑर्गेनिक कार्बन (टीओसी)।
- ड. सूक्ष्म जीवविज्ञान परीक्षण: टोटल कोलीफॉर्म, फीकल कोलीफॉर्म, ई. कोली, फीकल स्ट्रेप्टोकोक्की और टोटल प्लेट काउंट।
- च. आविष विज्ञानी परीक्षण: मछली का उपयोग करके विषाक्तता के मूल्यांकन के लिए जैव परख विधि (100% प्रवाह में 96 घंटे के बाद मछली का 90% जीवित रहना), डैफ़निया या अन्य जीव का उपयोग करके विषाक्तता का मापन और ज़ेबरा मछली (आयाम रहित विषाक्तता परीक्षण) का उपयोग करके विषाक्तता कारक का मापन।

जारी.

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली - 110032.

Parivesh Bhawan, East Arjun Nagar, Delhi - 110 032.

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

Ag. 24/7/25  
SSO

mm/11/

- छ. **जैविक परीक्षण:** बैन्थिक जीव की पहचान और गणना, विभिन्न विविधता सूचकांक का माप और सैप्रोबिटी सूचकांक।
- ज. **परिसंकटमय अपशिष्ट का लक्षण वर्णन:** निक्षालक (टीसीएलपी अर्क/जल अर्क) तैयार करना, संक्षारकता, ज्वलनशीलता (फ्लैश प्वाइंट) और अपशिष्ट & निक्षालक में भारी धातुओं/पीड़कनाशियों का मापन।
- झ. **मृदा/आपंक/तलछट और ठोस अपशिष्ट:** बोरॉन, कटियन एक्सचेंज क्षमता (सीईसी), विद्युत चालकता, नाइट्रोजन (उपलब्ध), कार्बनिक कार्बन/पदार्थ (रासायनिक विधि), पीएच, फास्फोरस (उपलब्ध), फॉस्फेट (ऑर्थो), फॉस्फेट (कुल), पोटेशियम, मृदा के अर्क में एसएआर, सोडियम, मृदा की नमी, टीकेएन, कैलोरी मान, अमोनिया, बाइकार्बोनेट, कैल्शियम, कैल्शियम कार्बोनेट, क्लोराइड, विनिमेय सोडियम प्रतिशत (ईएसपी), भारी धातु, मैग्नीशियम, नाइट्रेट, नाइट्राइट, कीटनाशक, सल्फेट और कुल कार्बनिक कार्बन (टीओसी)।
- ञ. **परिवेशी वायु/पलायक उत्सर्जन:** नाइट्रोजन डाइऑक्साइड (एनओ<sub>2</sub>), सल्फर डाइऑक्साइड (एसओ<sub>2</sub>), कुल निलंबित विविक्त कण, ध्वसन योग्य निलंबित कण पदार्थ (पीएम<sub>10</sub>), अमोनिया, क्लोरीन, फ्लोराइड, सीसा, पीएम<sub>2.5</sub> और वाष्पशील कार्बनिक कार्बन।
- ट. **चिमनी गैसें/स्रोत उत्सर्जन:** पार्टिकुलेट मैटर, सल्फर डाइऑक्साइड, वेग और प्रवाह, कार्बन डाइऑक्साइड, कार्बन मोनोऑक्साइड, तापमान, ऑक्सीजन, नाइट्रोजन के ऑक्साइड, एसिड धुंध, अमोनिया, क्लोरीन, फ्लोराइड (पार्टिकुलेट), फ्लोराइड (गैसीय), हाइड्रोक्लोरिक एसिड, हाइड्रोजन सल्फाइड और कार्बन डाइसल्फाइड।
- ठ. **रव (शोर) स्तर:** शोर स्तर माप (20 से 140 डीबीए) और परिवेश रव & स्रोत विशिष्ट रव।
- ड. **मौसम संबंधी:** परिवेश का तापमान, हवा की दिशा, हवा की गति, सापेक्ष आर्द्रता और वर्षा।
4. प्रयोगशाला और विश्लेषकों की क्षमता का पता लगाने के लिए प्रयोगशाला को के.प्र.नि.बोर्ड द्वारा आयोजित विश्लेषणात्मक गुणवत्ता नियंत्रण एक्यूसी (अभ्यास में अनिवार्य रूप से भाग लेना होगा। प्रयोगशाला किए गए नमूना विश्लेषण पर के.प्र.नि.बोर्ड को तिमाही प्रगति रिपोर्ट प्रस्तुत करेगी।
5. अधिसूचना के अनुसार, एक संयुक्त दल द्वारा मान्यता प्राप्त पर्यावरण प्रयोगशाला का औचक निरीक्षण/आवधिक निगरानी उस के उचित कामकाज, व्यवस्थित प्रचालन और प्रयोगशाला में तैयार किए गए आंकड़ों की विश्वसनीयता का निर्धारण करने के लिए की जाएगी।
6. प्रयोगशाला के पास नियमानुसार ISO/IEC: 17025)2017 ( और IS/ ISO: 45001 का अपेक्षित प्रत्यायन और प्रमाण पत्र होना चाहिए। यह मान्यता यथा लागू प्रत्यायन और नवीनीकरण के अधीन है और किसी भी निबंधन और शर्तों के गंभीर गैर-अनुपालन के मामले में, प्रयोगशाला को न्यूनतम दो साल की अवधि के लिए ब्लैकलिस्ट किया जा सकता है और सरकार की ओर से अनधिकृत तरीके से कार्य करने के लिए, यथा लागू सिविल/आपराधिक कार्यवाही शुरू की जा सकती है।
7. मैसर्स केंद्रीय प्रयोगशाला गुजरात प्रदूषण नियंत्रण बोर्ड, गांधीनगर, गुजरात को संबंधित अनिवार्य प्रत्यायन/प्रमाणीकरण के साथ मान्यता की समाप्ति से पूर्व केंद्रीय प्रदूषण नियंत्रण बोर्ड के वेबपोर्टल ([https:// epalab.cpcb.gov.in](https://epalab.cpcb.gov.in)) का उपयोग कर के ऑनलाइन मान्यता के नवीनीकरण के लिए आवेदन करना अपेक्षित है।

भवदीय,

(नमिता मिश्रा)  
वैज्ञानिक-ई एवं प्रभारी  
उपकरणीय प्रयोगशाला

F. No. LB/99/7/2021-INST LAB-HO-CPCB-HO/Pvt./

16<sup>th</sup> July 2025Recognition Letter

To,  
 The Head of Laboratory,  
 M/s Central Laboratory Gujarat Pollution Control Board,  
 Paryavaran Bhavan Sector-10 A,  
 Gandhinagar-382010, Gujarat.

**Subject: Recognition of M/s Central Laboratory Gujarat Pollution Control Board, Parvavaran Bhavan Sector-10 A, Gandhinagar-382010, Gujarat as Environmental laboratory under the Environmental (Protection) Act- 1986– reg.**

Sir,

With reference to your application dated 24/05/2024 along with acceptance of the terms & conditions of the guidelines for recognition of environmental laboratories under the Environmental (Protection) Act, 1986, submitted to Central Pollution Control Board (CPCB), the Competent Authority of CPCB has accorded approval for renewal of recognition of Environmental laboratory and Govt. Analysts. Subsequently, **M/s Central Laboratory Gujarat Pollution Control Board, Paryavaran Bhavan Sector-10 A, Gandhinagar-382010, Gujarat** shall be notified considering the current requirement of mandatory accreditation / certifications of the laboratory with a validity up to 10/07/2028 (for three years), subject to validity of ISO/IEC 17025 and IS/ISO 45001.

2. The following analysts have been approved as Government Analysts:

1. Dr. Suresh Kumar N. Agravat
2. Sh. H.A Rathod
3. Niharika R Vasava
4. Dr. M. M. Page
5. H. D. Sonara
6. S. A. Patel

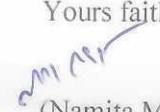
3. The laboratory should compulsorily follow the accepted terms and conditions and may undertake the following tests:

- a) **Physical Tests:** Conductivity, Colour, pH, Fixed & Volatile Solids, Total Solids, Total Dissolved Solids, Total Suspended Solids, Turbidity, Temperature, Velocity & Discharge Measurement of Industrial Effluent Stream, Flocculation Test (Jar Test), Salinity, Settleable Solids and Sludge Volume Index(SVI).
- b) **Inorganic (General and Non-metallic):** Acidity, Alkalinity, Ammonical Nitrogen, Chloride, Chlorine Residual, Dissolved Oxygen, Fluoride, Total Hardness, Total Kjeldahl Nitrogen (TKN), Nitrite Nitrogen, Nitrate Nitrogen, Phosphate, Sulphate, Bromide, Cyanide, Sulphide and Sulphite.
- c) **Inorganic (Trace Metals):** Boron, Cadmium, Calcium, Total Chromium, Chromium Hexavalent, Copper, Iron, Lead, Magnesium, Mercury, Nickel, Potassium, Sodium, Sodium Absorption Ratio(SAR), Zinc, Arsenic, Aluminium, Antimony, Barium, Beryllium, Cobalt, Manganese, Selenium, Silver, Tin and Vanadium.
- d) **Organics (General) and Trace Organics:** Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Oil and Grease, Phenolic Compounds, Pesticides (each) (Organo-Chlorine and Organo Nitrogen-Phosphorus), Poly-Chlorinated Biphenyl (PCB's) each, Polynuclear Aromatic Hydrocarbon (PAH), Surfactants and Total Organic Carbon(TOC).
- e) **Microbiological Test:** Total Coliform, Faecal Coliform, *E. coli*, Faecal Streptococci and Total Plate Count.
- f) **Toxicological Tests:** Bioassay Method for Evaluation of Toxicity Using Fish (90% survival of fish after 96 hrs in 100% effluent), Measurement of toxicity using Daphnia or other organism and Measurement of toxicity factor using Zebra fish (dimensionless toxicity test).

contd.

- g) **Biological Test:** Benthic Organism Identification and Count, Measurement of Various Diversity Index and Saprobity Index.
- h) **Characterization of Hazardous Waste:** Preparation of Leachate (TCLP Extract/Water Extract), Corrosivity, Ignibility (Flash Point) and Measurement of Heavy Metals/Pesticides in the Waste/Leachate.
- i) **Soil/Sludge/Sediment and Solid Waste:** Boron, Cation Exchange Capacity (CEC), Electrical Conductivity, Nitrogen (Available), Organic Carbon/Matter (Chemical Method), pH, Phosphorous (Available), Phosphate (Ortho), Phosphate (Total), Potassium, SAR in Soil Extract, Sodium, Soil Moisture, TKN, Calorific Value, Ammonia, Bicarbonate, Calcium, Calcium Carbonate, Chloride, Exchangeable Sodium Percentage(ESP), Heavy Metal, Magnesium, Nitrate, Nitrite, Pesticide, Sulphate and Total Organic Carbon (TOC).
- j) **Ambient Air/ Fugitive Emissions:** Nitrogen Dioxide (NO<sub>2</sub>), Sulphur Dioxide (SO<sub>2</sub>), Total Suspended Particulate Matter, Respirable Suspended Particulate Matter (PM<sub>10</sub>), Ammonia, Chlorine, Fluoride, Lead, PM<sub>2.5</sub> and Volatile Organic Carbon.
- k) **Stack Gases/ Source Emission:** Particulate Matter, Sulphur Dioxide, Velocity & Flow, Carbon Dioxide, Carbon Monoxide, Temperature, Oxygen, Oxides of Nitrogen, Acid Mist, Ammonia, Chlorine, Fluoride(Particulate), Fluoride(Gaseous), Hydrochloric Acid, Hydrogen Sulphide and Carbon Disulphide.
- l) **Noise Level:** Noise level measurement (20 to 140 dba) and Ambient Noise & Source Specific Noise.
- m) **Meteorological:** Ambient Temperature, Wind Direction, Wind Speed, Relative Humidity and Rain Fall.
4. The laboratory shall compulsorily participate in the Analytical Quality Control (AQC) Exercise conducted by the CPCB to ascertain the capability of the laboratory and analysts. The lab shall submit quarterly progress report on the sample analysis carried out to CPCB.
5. The surprise inspection / periodic surveillance of the recognized environment laboratory will be undertaken to assess its proper functioning systematic operation and reliability of data generated at the laboratory by a Joint Team as per the Notification.
6. The laboratory should have the mandatory requisite accreditation and certificate of the ISO: 17025 and ISO: 45001 as per rules. This recognition is subject to such accreditations and renewals as applicable and in case of serious non-compliance of any of the terms and conditions, the laboratory may be black listed for a minimum period of two years and civil/criminal proceedings, as applicable, may be initiated for performing functions on behalf of the Government in an unauthorized manner.
7. **M/s Central Laboratory Gujarat Pollution Control Board, Gandhinagar, Gujarat** is required to apply for further renewal of recognition through online using CPCB web portal ([https:// epalab.cpcb.gov.in](https://epalab.cpcb.gov.in)) before expiry of recognition with mandatory accreditation / certification concerned.

Yours faithfully,

  
(Namita Mishra)  
Scientist-E & In-Charge  
Instrumentation Laboratory

4798

15



National Accreditation Board for  
Testing and Calibration Laboratories

**CERTIFICATE OF ACCREDITATION**

**CENTRAL LABORATORY, GUJARAT POLLUTION  
CONTROL BOARD**

has been assessed and accredited in accordance with the standard

**ISO/IEC 17025:2017**

**"General Requirements for the Competence of Testing &  
Calibration Laboratories"**

for its facilities at

PARYAVARAN BHAVAN, SECTOR 10-A, GANDHINAGAR, GUJARAT, INDIA

in the field of

**TESTING**

Certificate Number: TC-15143

Issue Date: 19/12/2024

Valid Until: 18/12/2028

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))

Name of Legal Entity: Central Laboratory, Gujarat Pollution Control Board

Signed for and on behalf of NABL



N. Venkateswaran  
Chief Executive Officer

Note: It is requested to please ensure that each sheet is created separately for each laboratory and rename the sheet accordingly . For e.g. Central Laboratory, Regional Laboratory etc

**LABORATORY ANALYTICAL FACILITIES**

Name of the Board / Committee: Gujarat Pollution Control Board, Paryavaran Bhavan, Sector, 10-A, Gandhinagar, Gujarat.

**PART I: Facility available for monitoring of environmental parameters:**

S. No.	Parameters	Facilities Available (Yes / No)	If facility is not available, Specify Timeline for addition of this parameter. (in months)	Action Taken for addition of this parameter (Specification finalized / procurement initiated / work awarded / outsourced )
<b>A. Sample Matrix / Group of Water and Wastewater</b>				
<b>(a) Physical Tests</b>				
1	Temperature	Yes		
2	Colour	Yes		
3	pH	Yes		
4	Turbidity	Yes		
5	Conductivity	Yes		
6	Total Solids	Yes		
7	Total Dissolved Solids (TDS)	Yes		
8	Total Suspended Solids (TSS)	Yes		
<b>(b) Inorganic Tests</b>				

<b>(i) General &amp; Non-metallic</b>					
1	Alkalinity	Yes			
2	Chloride	Yes			
3	Cyanide	Yes			
4	Dissolved oxygen	Yes			
5	Nitrite nitrogen	Yes			
6	Nitrate nitrogen	Yes			
7	Ammonical nitrogen	Yes			
8	Fluoride	Yes			
9	Hardness (Total)	Yes			
10	Calcium	Yes			
11	Magnesium	Yes			
12	Phosphate	Yes			
13	Sulphate	Yes			
14	Sulphide	Yes			
15	Total Residual chlorine (TRC)	Yes			
<b>(ii) Trace Metals Tests</b>					
1	Aluminium (Al)	Yes			
2	Arsenic (As) Total	Yes			
3	Barium	Yes			
4	Boron	Yes			
5	Chromium (Cr) Hexavalent	Yes			
6	Chromium (Cr) Total	Yes			
7	Cadmium (Cd)	Yes			
8	Cobalt (Co)	Yes			
9	Copper (Cu)	Yes			
10	Iron (Fe)	Yes			
11	Lead (Pb)	Yes			
12	Manganese (Mn)	Yes			
13	Mercury (Hg)	Yes			

14	Nickel (Ni)	Yes			
15	Potassium (K)	Yes			
16	Sodium (Na)	Yes			
17	Vanadium (V)	Yes			
18	Zinc (Zn)	Yes			
19	Selenium (Se)	Yes			
<b>(c) Organics (General) and Trace Organics Tests</b>					
1	Biological Oxygen Demand (BOD)	Yes			
2	Chemical oxygen demand (COD)	Yes			
3	Oil & Grease	Yes			
4	Phenolic Compounds as C <sub>6</sub> H <sub>5</sub> OH	Yes			
5	Benzopyrene	Yes			
6	<b>Pesticides</b>				
6.a	<b>Organochlorine Pesticides (OCPs) Tests</b>				
i	Aldrin	Yes			
ii	Alpha Endosulphan	Yes			
iii	p,p'-DDT	Yes			
iv	Alpha-HCH	Yes			
v	Beta HCH	Yes			
vi	Beta Endosulphan	Yes			
vii	Gama-HCH	Yes			
viii	o,p'-DDT	Yes			
ix	p,p'-DDE	Yes			
6.b	<b>Organophosphorus Pesticides (OPPs) Tests</b>				
i	Malathion	Yes			
ii	Methyl parathion	Yes			
iii	Chlorpyriphos	Yes			
iv	Dimethoate	Yes			
v	Dieldrin	Yes			

vi	Ethion	Yes			
<b>(d) Microbiological Tests</b>					
1	Total Coliform	Yes			
2	Faecal Coliform	Yes			
3	E. Coli	Yes			
4	Faecal Streptococci	Yes			
<b>(e) Toxicological Tests</b>					
1	Bioassay method for evaluation of toxicity using fish (90% survival of fish after 96 hrs in 100% effluent)	Yes			
<b>B. Sample Matrix / Group of Solid / Solid Waste</b>					
<b>(a) Soil / Sediment / Compost Tests</b>					
1	Cation Exchange Capacity (CEC)	Yes			
2	Electrical Conductivity (EC)	Yes			
3	Organic carbon (Chemical Method )	Yes			
4	pH	Yes			
5	Soil moisture	Yes			
6	Total nitrogen	Yes			
7	Metals by digestion (As, Cd, Cr, Pb, Ni etc.)	Yes			
<b>(b) Hazardous Waste (Liquid / Slurry / Sludge / Solid / Semi-Solid) Tests</b>					
1	Corrosivity	Yes			
2	Ignitability (Flash Point)	Yes			
3	Loss on Drying at 1050C (% Moisture Content)	Yes			
4	Loss on Drying at 5500C (% Organic Content)	Yes			
5	pH	Yes			

6	Organic carbon/matter (Chemical Method )	Yes			
7	Calorific Value	Yes			
8	Toxicity Characteristics leaching procedure (TCLP) Leachate and Metals in Leachate (As,Cd,Cr, Pb, Ni)	Yes			
<b>C. Sample Matrix / Group of Analytes: Air</b>					
<b>(a) Ambient Air</b>					
1	Nitrogen dioxide as NO2	Yes			
2	Sulphur dioxide (SO2)	Yes			
3	Particulate matter (PM10)	Yes			
4	Particulate matter (PM2.5)	Yes			
5	Carbon Monoxide	Yes			
6	Ozone	Yes			
7	Benzene	Yes			
8	Ammonia	Yes			
9	Metals in Particulate Matter, Pb	Yes			
10	Metals in Particulate Matter, As	Yes			
11	Metals in Particulate Matter, Ni	Yes			
12	Particulate Benzo-a-Pyrene (BaP)	Yes			
<b>(b) Stack Gas / Stationary Source Emission</b>					
1	Particulate Matter	Yes			
2	Sulphur Dioxide	Yes			
3	Carbon Dioxide	Yes			
4	Carbon Monoxide (NDIR based Method)	Yes			
5	Temperature	Yes			
6	Moisture	Yes			
7	Oxygen	Yes			
8	Oxides of Nitrogen	Yes			

9	Halides (HCL/HF)	Yes			
<b>(c) Noise Level</b>					
1	Ambient Noise level measurement (20 to 140 dB)	Yes			
2	Source Noise Level Measurement (Industrial process, DG set- 20 to 140dB)	Yes			
<b>(d) Meteorological Monitoring</b>					
1	Ambient Temperature	Yes			
2	Wind direction	Yes			
3	Wind speed	Yes			
4	Relative Humidity	Yes			
5	Mixing Height	Yes			
Specific remarks, if any: No					

<b>PART II: Details of Laboratory Infrastructure (Instruments and Equipment)</b>				
<b>S. No.</b>	<b>Name of Instrument / Equipments</b>	<b>Available Yes / No</b>	<b>If the Instrument / Equipment is not available, Specify Timeline for procurement of this instrument (in months)</b>	<b>Action Taken for procurement of this Instrument / Equipment (Specification finalized / procurement initiated / work awarded / outsourced )</b>
<b>A. List of Instruments / Equipment for Sampling of Water, Wastewater and Soil / Hazardous Wastes</b>				
<b>a ) Mandatory Requirements</b>				
1	Portable / Pen type pH meter / pH strip	Yes		
2	Portable Dissolved Oxygen Meter / Field Fixing using chemicals	Yes		
3	Electrical Conductivity meter pen type	Yes		
4	Flow meter / Physical flow measuring	Yes		
5	GPS / Mobile with GPS app	Yes		
6	Ice Box (2 nos.) (150 litre & 100 litre capacities)	Yes		
7	Thermometer	Yes		
8	Stainless steel bucket with nylon rope and mug	Yes		
9	Ground water level measuring device	Yes		
10	Scoop / shovel	Yes		
11	Auger / core sampler	Yes		

<b>b) Optional Requirements</b>					
1	Bottom Sampler / Depth sampler	Yes			
2	Chloroscope for residual chlorine	Yes			
3	Vandorn or equivalent water sampler (Automatic sampler when composite sampling to be done)	Yes			
4	Ekman Dredge	Yes			
<b>B. List of Instruments / Equipment for Sampling of Ambient Air and Source Emission monitoring</b>					
<b>a) Mandatory Requirements</b>					
1	Fine dust samplers PM2.5 (*4 Nos)	Yes			
2	Respirable Dust Sampler PM 10 (* 4 Nos)	Yes			
3	High Volume Sampler ( SPM ) (4 Nos)	Yes			
4	Handy Sampler with set of glass impingers (*2 Nos)	Yes			
5	Low Volume Sampler (LVS)	Yes			
6	Tedler bags different sizes	Yes			
7	Meteorological tower (All in one telescopic Mast) with sensors comprising wind speed, wind direction, ambient temp., Relative humidity, Solar radiation, rainfall etc.	Yes			
8	Nitrogen Cylinder portable	Yes			
9	Activated Charcoal tubes/ Tenex	Yes			
10	Barometer (Digital)	Yes			

11	Isokinetic Stack Monitoring Kit complete with Stack monitoring instrument panel with inclined cum vertical manometer, Cold Box, Vacuum pump, Glass assembly impingers	Yes			
12	Modified S type Stainless steel Pitot tube (Standard length) with Assembly	Yes			
13	Monoblock type, rotary design vacuum pump	Yes			
14	Orsat Apparatus	Yes			
15	Source emission monitoring Impingers train set with spare impingers 100 ml & 225 ml capacity	Yes			
16	Stainless steel heated Sampling Probes with thimble holders short and long	Yes			
17	Flue Gas analyzer	No	12	Procurement initiated	
18	Thermometer/ Thermocouple	Yes			
19	Calibrator for Noise Meters	Yes			
20	Digital Sound level ( Noise ) Metres	Yes			
21	Portable TOC Analyzer for emission monitoring.	No	12	Procurement initiated	
22	Polyurethane Foam PUF Sampler	No		Outsourced	As per requirement, outsourced
<b>b) Optional Requirements</b>					
1	Anemometer	Yes			
2	Weather Monitoring system	Yes			
3	Wind speed/wind direction monitor	Yes			

4	Continuous Ambient Air Monitoring System, Fixed	Yes			
5	Continuous PM10 Analyzer	Yes			
6	Continuous Ambient Air Monitoring System, Mobile	Yes			
7	Continuous PM2.5 analyzer	Yes			
8	Ambient Nitrogen Oxides (NO-NO2-NOx Analyzer	Yes			
9	Ambient Ozone Analyzer	Yes			
10	Ambient BTEX Analyzer	Yes			
11	Multipoint Gas Calibration system	Yes			
12	Ambient Sulphur Dioxide analyzer	Yes			
13	Ambient Carbon Monoxide & Carbon dioxide analyzer	Yes			
14	Total Hydrocarbon analyzer	Yes			
15	Ambient Ammonia analyzer	Yes			
16	Zero Gas Generator	Yes			
17	Synthetic Air Cylinder	Yes			
18	Calibration Gas Cylinders, SO2, NO, CO, NH3, Benzene and Toluene One each with stainless steel Regulators	Yes			
19	Continuous emission monitoring equipment	Yes			
20	19 inch Rack mounting system for air analyzers	Yes			
21	Dry Gas Meter	Yes			
22	Diesel Exhaust analyzer	No		Outsourced	As per requirement, outsourced
23	Exhaust CO/HC analyzer with Sampling Probe	No		Outsourced	As per requirement, outsourced

24	Automated Noise Monitoring System	Yes			
25	Integrating Sound level meter	Yes			
26	Continuous PM10& PM2.5 Monitoring Analyzer TEOM system	Yes			
27	Top loading orifice kit for calibration of HVS	Yes			
28	Permeation tubes (SO2, NO-NO2-NOx,NH3, BTX)	Yes			
<b>C. List of Equipment required for processing of Environmental Samples:</b>					
<b>a) Mandatory Requirements</b>					
1	Accelerated Solvent Extraction (ASE) System	Yes			
2	Ammonia distillation assembly/TKN Analyzer	Yes			
3	Analytical Balance 4/5 digit & 6 digit (Digital)	Yes			
4	Aquarium for Toxicity bioassay test with complete accessories (*4 Nos)	Yes			
5	Autoclave (*2 Nos)	Yes			
6	Bacteriological Incubators Stainless steel (*2 Nos)	Yes			
7	Bio safety cabinets	Yes			
8	BOD Incubators (2 nos.)	Yes			
9	Centrifuge	Yes			
10	COD Digestion heated Blocks (2) with capacity 16 nos. or more	Yes			
11	Cyanide Distillation Assembly (3)	Yes			
12	Deep Freezer- Capacity 500 litre	Yes			

13	Laboratory Ball Mill Grinder	Yes			
14	Laboratory Grinder	Yes			
15	Laminar Flow bench for Microbiological analysis	Yes			
16	Magnetic Stirrer with heating system (*2 Nos)	Yes			
17	Mechanical Shaker	Yes			
18	Membrane Filtration assembly with vacuum pump (2 nos.)	Yes			
19	Microbial culture refrigerator	Yes			
20	Microwave Digester with 16 vessels/ Hot Plate	Yes			
21	Muffle Furnace (*1 Nos), Range 1200 C	Yes			
22	Phenol distillation assembly (3)	Yes			
23	Plate counter, Manual/Automatic	Yes			
24	Digestion Chambers/ Fume hood	Yes			
25	Digital Thermometer & Humidity meter- All lab area	Yes			
26	Dispensers (Various capacities ) up to 5, 10, 25 & 50 ml	Yes			
27	Filtration Assembly with vacuum pump	Yes			
28	Fluoride Distillation Assembly (3)	Yes			
29	Arsenic / Fluoride Glass Distillation assemblies	Yes			
30	Glass Double Distillation Assembly /Water Purification System	Yes			
31	Heating mantles (2 nos.)	Yes			
32	Hot plates (small, Medium and Large ) (*2 nos.)	Yes			

33	Thermo Hygrometer	Yes			
34	Imhoff Cone	Yes			
35	Top loading Precision Digital Balance (minimum detection 0.001mg/0.01 mg) with anti-vibration facility- 3 nos. i.e 4/5 Digit (2 nos), - 6 Digit (1 no)	Yes			
36	Refrigerators Big Size 300 litres or more, double door- 2 nos.	Yes			
37	Rotary Evaporator (Buchi type) with water recirculating chiller	Yes			
38	Separating funnel shaker	Yes			
39	Soxhlet Apparatus	Yes			
40	Solid Phase Extraction (SPE) /SPME Extraction system	Yes			
41	Thermometer (Alcohol)	Yes			
42	Dry & wet bulb Thermometer	Yes			
43	Toxicity characteristic leaching procedure (TCLP) Extractors (Zero head and Bottle)	Yes			
44	Ultra sonic water bath- Capacity 3 litre	Yes			
45	Water Bath with temperature control (*2 Nos)	Yes			
46	Water Bath with temp. for mercury sample digestion- 20 BOD Bottles	Yes			
<b>D. Analytical Instruments at Environmental Laboratories</b>					
<b>a) Mandatory Requirements</b>					
1	Atomic Absorption spectrometer (AAS)- Flame, Hydride & Graphite Tube Atomizer (GTA)	Yes			

2	Binocular Stereo Zoom Microscope	Yes			
3	Bomb Calorimeter	Yes			
4	BTX Analyzer with BTX calibrator	No	12	BTX analysed on GC-MS (GC-MS Available)	GC-MS Available in lab
5	Colony counter	Yes			
6	Conductivity meter- 2 nos.	Yes			
7	Environment conditioning chamber	Yes			
8	Digital Burettes- 50 ml*2, 100 ml*2	Yes			
9	Dissolved Oxygen Meter (Bench model)	Yes			
10	Flame Photometer	Yes			
11	Flash Point Apparatus	Yes			
12	Gas Chromatograph Mass Spectrometer	Yes			
13	High Performance Liquid Chromatograph (HPLC)	Yes			
14	Inductively Coupled Plasma (ICP) Spectrometer-OES	Yes			
15	Ion Chromatograph Anion & Cations	Yes			
16	Methane and Non Methane (NMHC) Analyzer	No		Outsourced	As per requirement, outsourced
17	Microscope – 100x	Yes			
18	Microscope Binocular Research	Yes			
19	CO (NDIR based) Analyzer	No		Outsourced	As per requirement, outsourced
20	Nephelometer (Turbidity Meter)	Yes			
21	pH-Meter with combined electrode (3 point)- 2 nos.	Yes			

22	Specific ion Analyzer with ion selective electrodes	Yes			
23	Spectrophotometer Visible (Portable)	Yes			
24	TKN Analyzer semi-automatic with aluminum block digester	Yes			
25	UV-Vis Spectrophotometer	Yes			
26	Moisture Content Analyzer	Yes			
<b>b) Optional Requirements</b>					
1	Automatic Titration Assembly	Yes			
2	Carbon, Hydrogen, Nitrogen and Sulphur (CHNS) Elemental Analyzer	No		Outsourced	As per requirement, outsourced
3	EDXRF Analyzer/WDXRF Analyzer	No		Outsourced	As per requirement, outsourced
4	Fourier-transform infrared Spectrometer (FTIR)	No		Outsourced	As per requirement, outsourced
5	Flocculator ( Jar testing apparatus)	Yes			
6	Toxic Gas Analyzer	No		Outsourced	As per requirement, outsourced
7	Organic Halogen (AOX/TOX) Analyzer	No		Outsourced	As per requirement, outsourced
8	TOC Analyzer	Yes			
9	High Resolution Mass Spectrometer (HRGC-HRMS)	Yes			
10	Inductively Coupled Plasma Mass (ICP-MS) Spectrometer	Yes			
11	X Ray Fluorescence (XRF) Spectrometer (Portable)	No		Outsourced	As per requirement, outsourced (XRD available)
<b>Specific remarks, if any: No</b>					

**PART III: DETAILS OF LABORATORIES ESTABLISHED UNDER THE WATER (P & CP) ACT, 1974**

Laboratory established by the Board, as per Section 17 (2) of Water Act – Nos.				Laboratories / Institutes specified by State Govt., as State Water Laboratory as per Section 52 (1) of Water Act (other than those set up by Board) - Nos								NABL Accreditation			EPA Recognition		
No. of Laboratories established / recognized	No. of Laboratories (out of those given in column No. (1)) notified in Official Gazette	No. of remaining Laboratories Planned for Notification (out of those laboratories given in column No.(1)).	Time line required for notification of Laboratories given in column No. (3) (in months)	No. of Laboratories established / specified		No. of Laboratories (out of those given in column No. (5 & 6)) notified in Official Gazette		No. of remaining Laboratories Planned for Notification (out of those laboratories given in column No. (5 & 6)).		Time line required for notification of Laboratories given in column No. (9 & 10) (in months)		No. of Board's Laboratories 17 (2)	No. of State Water Laboratories 52(1)		No. of Board's Laboratories 17 (2)	No. of State Water Laboratories 52(1)	
				Govt.	Pvt.	Govt.	Pvt.	Govt.	Pvt.	Govt.	Pvt.		Govt.	Pvt.		Govt.	Pvt.
-1	-2	-3	-4	-5	-6	-7	-8	-9	-10	-11	-12	-13	-14	-15	-16	-17	-18
9	9	--	--	1	--	1	--	NA		NA		03 & Other 03 Under renewal	1		1	0	

Note: The list of the laboratory may be attached separately (Board, State Govt. and Private)

Specific remarks, if any: No

**PART IV: DETAILS OF LABORATORIES ESTABLISHED UNDER THE AIR (P & CP) ACT, 1981**

Laboratory established by the Board, as per Section 17 (2) of Air Act – Nos.				Laboratories / Institutes specified by State Govt., as State Air Laboratory as per Section 28 (1) of Air Act (other than those set up by Board) - Nos								NABL Accreditation			EPA Recognition		
No. of Laboratories established / recognised	No. of Laboratories (out of those given in column No. (1)) notified in Official Gazette	No. of remaining Laboratories Planned for Notification (out of those laboratories given in column No.(1)).	Time line required for notification of Laboratories given in column No. (3) (in months)	No. of Laboratories established / specified		No. of Laboratories (out of those given in column No. (5 & 6)) notified in Official Gazette		No. of remaining Laboratories Planned for Notification (out of those laboratories given in column No. (5 & 6)).		Time line required for notification of Laboratories given in column No. (9 & 10) (in months)		No. of Board's Laboratories 17 (2)	No. of State Water Laboratories 28(1)		No. of Board's Laboratories 17 (2)	No. of State Water Laboratories 28(1)	
				Govt.	Pvt.	Govt.	Pvt.	Govt.	Pvt.	Govt.	Pvt.		Govt.	Pvt.		Govt.	Pvt.
-1	-2	-3	-4	-5	-6	-7	-8	-9	-10	-11	-12	-13	-14	-15	-16	-17	-18
10	9	1	12	1		0						03 & Other 03 Under renewal	1		1	0	

Note: The list of the laboratory may be attached separately (Board, State Govt. and Private)

Specific remarks, if any: No

**PART V: DETAILS OF LABORATORIES PARTICIPATED ON ANALYTICAL QUALITY CONTROL AND QUALITY ASSURANCE  
CONDUCTED BY CPCB IN RESPECT OF WATER QUALITY PARAMETERS**

S. No.	Name of the Laboratory with address	No. of Parameters in AQC Exercise				Number of Parameters Attempted				% Parameters Successful			
		33rd Exercise	34th Exercise	35th Exercise	36th Exercise	33rd Exercise	34th Exercise	35th Exercise	36th Exercise	33rd Exercise	34th Exercise	35th Exercise	36th Exercise
1	Central Laboratory Gandhinagar	9	11	--	--	9	11	--	--	Not received	100%	--	--
2	Regional Laboratory, Surat	--	10	--	--	--	10	--	--	--	100%	--	--
3	Regional Laboratory Vapi,	--	11	--	--	--	11	--	--	--	81.82	--	--
4	Regional Laboratory Bharuch	--	11	--	--	--	11	--	--	--	100%	--	--

5	Regional Laboratory-Vadodara	--	22	--	--	--	22	--	--	--	95.45 %	--	--				
6	Regional Laboratory Rajkot	--	11	--	--	--	11	--	--	--	86.36	--	--				
7	GUJARAT ENVIRONMENT MANAGEMENT INSTITUTE (GEMI) Laboratory, Gandhinagar	9	11	--	18	9	11	--	18	100.00 %	68.18 %	--	88.89 %				

**Note: 33rd Exercise (Metals) held in 2020-2021,**

**34th Exercise (General and Physico-Chemical parameters) held in 2021-2022**

**35th Exercise (Pesticides) held in 2023**

**36th Exercise (General and Physico-Chemical parameters) held in 2023-2024**

**Provide details of each Laboratories (Central, Regional/Zonal, District) in separate Row**

Specific remarks, if any: .  
 Gujarat Pollution Control Board (GPCB) having 27 Regional offices and Vigilance Cell at Head Office. To cater the need for the Analysis, well equipped Sophisticated Analytical Research Laboratory (SARL) - Central Laboratory at Gandhinagar and Regional Laboratories at Vapi, Surat, Bharuch, Vadodara, Rajkot, Bhavnagar, Jamnagar and Kutch-West are established and recognized by GoG.  
 Regional Laboratories at Bhavnagar, Jamnagar and Kutch-West having very less volume of sample flow.  
 In addition, industrial clusters are homogeneous in nature and limited kinds of industrial setup are there viz. in Kutch District, mostly Air Pollution potential industries established, as water scarcity in the region.  
 General parameters are analyzed at Regional Laboratory and remaining other parameters are analyzed at other Regional Laboratory and/or at Central Laboratory, by in-house facility of GPCB.

**PART VI: DETAILS OF LABORATORIES PARTICIPATED ON PROFICIENCY TESTING (PT) PERFORMANCE  
 (Information to be given for last 3 years)**

S. No.	Name of Laboratory with address	Year of PT participation	PT Sample Provider (Name and Address)	Number of Parameters in Accreditation Scope	Number of Parameters for which Laboratory participated in PT exercise	Number of Parameter with Satisfactory Results
1	Central Laboratory	2022	Not Participated			











		2023	(Mohali) 140603 Punjab, INDIA	343	Total Number 15Surface/G round- 10Air-05	15													
		2024		343	Total Number 82 Waste Water-03 Surface/Gro und-38 Micro-07 Air-14 Noise-01 Soil-19	82													

**Note: Provide details of each Laboratory (Central, Regional/Zonal, District) in separate Row**

Specific remarks, if any:  
 Gujarat Pollution Control Board (GPCB) having 27 Regional offices and Vigilance Cell at Head Office. To cater the need for the Analysis, well equipped Sophisticated Analytical Research Laboratory (SARL) - Central Laboratory at Gandhinagar and Regional Laboratories at Vapi, Surat, Bharuch, Vadodara, Rajkot, Bhavnagar, Jamnagar and Kutch-West are established and recognized by GoG.  
 Regional Laboratories at Bhavnagar, Jamnagar and Kutch-West having very less volume of sample flow.  
 In addition, industrial clusters are homogeneous in nature and limited kinds of industrial setup are there viz. in Kutch District, mostly Air Pollution potential industries established, as water scarcity in the region.  
 General parameters are analyzed at Regional Laboratory and remaining other parameters are analyzed at other Regional Laboratory and/or at Central Laboratory, by in-house facility of GPCB.