



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	CENTRAL POLLUTION CONTROL BOARD, CENTRAL LABORATORY, PARIVESH BHAVAN, EAST ARJUN NAGAR, DELHI, INDIA	<b>Page No</b>	1 of 16
<b>Accreditation Standard</b>	ISO/IEC 17025:2017	<b>Last Amended on</b>	-
<b>Certificate Number</b>	TC-7723		
<b>Validity</b>	15/09/2018 to 14/09/2020*		

\* The validity is extended for one year up to 14.09.2021

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Effluent / Wastewater/Sewage	Faecal Coliform	APHA, 9221-E, 23rd Ed.,(Note:Actual value is 1600 for 1.8 & 1600 using 10,1 & 0.1 ml of sample)
2	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Effluent / Wastewater/Sewage	Faecal Streptococci (Enterococcus)	APHA, 9230-A,B, 23rd Ed (Note:Actual value is 1600 for 1.8 & 1600 using 10,1 & 0.1 ml of sample)
3	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Effluent / Wastewater/Sewage	Total Coliform	APHA, 9221-A,B,C, 23rd Ed.(Note:Actual value is 1600 for 1.8 & 1600 using 10,1 & 0.1 ml of sample)
4	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Effluent / Wastewater/Sewage	Total Plate Count	APHA, 9215-A, B, 9-4APHA ,9215-A , B,9-49 to 9-53 (Note- Actual value of lower range is
5	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Effluent/Waste water	Acute Toxicity test in fish	IS 6582 (Part 2): 2001 (Reaffirmed 2013)
6	BIOLOGICAL- WATER	Drinking Water	Faecal Coliform	APHA,9221 E-D , 9-74 (Note- Actual range is 23)
7	BIOLOGICAL- WATER	Drinking Water	Faecal Streptococci Enterococcus	apha,9230-A, B, 9-110 to 9-112
8	BIOLOGICAL- WATER	Drinking Water	Total Coliform	APHA, 9221-A,B,C,9-65 to 9-72( Note- Actual range is 23)
9	BIOLOGICAL- WATER	Ground Water /Surface Water	Total Plate Count	APHA, 9215-A,B,9-49 TO 9-53 (Note-Actual value of lower range is
10	BIOLOGICAL- WATER	Surface water	Diversity Score (Benthic macro-Invertebrates)	DOC: CB/BL/SOP/BM/01 Issue no. 01
11	BIOLOGICAL- WATER	Surface water	Saprobic Score ( Benthic macro Invertebrates)	DOC: CB/BL/SOP/BM/01 Issue no. 01
12	BIOLOGICAL- WATER	Water (Ground water/surface water)	Faecal Streptococci (Enterococcus)	APHA, 9230-A,B, 23rd Ed.,(Note:Actual value is 1600 for 1.8 & 1600 using 10,1 & 0.1 ml of sample)



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<b>Laboratory Name :</b>	CENTRAL POLLUTION CONTROL BOARD, CENTRAL LABORATORY, PARIVESH BHAVAN, EAST ARJUN NAGAR, DELHI, INDIA	<b>Page No</b>	2 of 16
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
13	BIOLOGICAL- WATER	Water (Surface water/Ground water)	Faecal Coliform	APHA, 9221-E, 23rd Ed.,(Note:Actual value is 1600 for 1.8 & 1600 using 10,1 & 0.1 ml of sample)
14	BIOLOGICAL- WATER	Water (Ground water/surface water)	Total Coliform	APHA, 9221-A,B,C, 23rd Ed., (Note:Actual value is 1600 for 1.8 & 1600 using 10,1 & 0.1 ml of sample)
15	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Anions in Particulate matter Bromide	EPA/625/R-96/010a; USEPA IO -4.2,
16	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Anions in Particulate matter Chloride	EPA/625/R-96/010a; USEPA IO -4.2,
17	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Anions in Particulate matter Fluoride	EPA/625/R-96/010a; USEPA IO -4.2,
18	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Anions in Particulate matter Nitrate	EPA/625/R-96/010a; USEPA IO -4.2,
19	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Anions in Particulate matter Nitrite	EPA/625/R-96/010a; USEPA IO -4.2,
20	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Anions in Particulate matter Phosphate	EPA/625/R-96/010a; USEPA IO -4.2,
21	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Anions in Particulate matter Sulphate	EPA/625/R-96/010a; USEPA IO -4.2,
22	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Benzene	IS 5182 (Part-11) 2006 Re-affirmed 2017 USEPA TO-17 EPA/625/R-96/010b
23	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Cations in Particulate matter Ammonium	EPA/625/R-96/010a; USEPA IO -4.2,
24	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Cations in Particulate matter Barium	EPA/625/R-96/010a; USEPA IO -4.2,
25	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Cations in Particulate matter Calcium	EPA/625/R-96/010a; USEPA IO -4.2,
26	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Cations in Particulate matter Lithium	EPA/625/R-96/010a; USEPA IO -4.2,
27	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Cations in Particulate matter Magnesium	EPA/625/R-96/010a; USEPA IO -4.2,



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<b>Accreditation Standard</b>	ISO/IEC 17025:2017	<b>Last Amended on</b>	-
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28	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Cations in Particulate matter Sodium	EPA/625/R-96/010a; USEPA IO -4.2,
29	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Cations in Particulate matter Strontium	EPA/625/R-96/010a; USEPA IO -4.2,
30	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Metals in Particulate Matter Pb	EPA/625/R-96/010a; US EPA IO 3.2,
31	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Metals in Particulate Matter As	EPA/625/R-96/010a; US EPA IO 3.2,
32	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Metals in Particulate Matter Cd	EPA/625/R-96/010a; US EPA IO 3.2,
33	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Metals in Particulate Matter Cr	EPA/625/R-96/010a; US EPA IO 3.2,
34	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Metals in Particulate Matter Cu	EPA/625/R-96/010a; US EPA IO 3.2,
35	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Metals in Particulate Matter Ni	EPA/625/R-96/010a; US EPA IO 3.2,
36	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	NH3	CB/CL/SOP/AQ11; Issue No. 01
37	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Dioxide (NO2)	IS 5182 (Part-6) 2006 Re-affirmed
38	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Benzo-a-Pyrene (BaP)	IS 5182 (Part-12) 2004 Re-affirmed 2019 USEPA TO-13A EPA/625/R-96/010b
39	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM10)	IS 5182 Part 23 2006 Re affirmed 2017 USEPA IO - 2.1 EPA/625/R-96/010a
40	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate matter (PM2.5)	IS 5182 (Part - 24) 2019 CB/CL/SOP/AQ/10; Issue No. 01; Issue Date 16.03.2016
41	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	SPM	IS 5182 (Part-4) 1999 Re-affirmed
42	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO2)	IS 5182 (Part-2) 2001 Re-affirmed 2017
43	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Potassium	Cations in Particulate matter Potassium	EPA/625/R-96/010a; USEPA IO -4.2,



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ISO/IEC 17025:2017

**Certificate Number**

TC-7723

**Page No**

4 of 16

**Validity**

15/09/2018 to 14/09/2020\*

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44	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Level	Leq dB(A)	CB/CL/SOP/AQ8; Issue No. 01;
45	CHEMICAL- ATMOSPHERIC POLLUTION	At Central Laboratory (Automatic Weather Station)	Atmospheric Pressure	CB/CL/SOP/AQ13 dated 16.3.2016
46	CHEMICAL- ATMOSPHERIC POLLUTION	At Central Laboratory (Automatic Weather Station)	Relative humidity	CB/CL/SOP/AQ13 dated 16.3.2016
47	CHEMICAL- ATMOSPHERIC POLLUTION	At Central Laboratory (Automatic Weather Station)	Solar radiation	CB/CL/SOP/AQ13 dated 16.3.2016
48	CHEMICAL- ATMOSPHERIC POLLUTION	At Central Laboratory (Automatic Weather Station)	Temperature	CB/CL/SOP/AQ13 dated 16.2016
49	CHEMICAL- ATMOSPHERIC POLLUTION	At Central Laboratory (Automatic Weather Station)	Wind speed	CB/CL/SOP/AQ13 dated 16.3.2016
50	CHEMICAL- ATMOSPHERIC POLLUTION	Meteorological Parameters AtCentral Laboratory (Automatic Weather Station)	Wind direction	CB/CL/SOP/AQ13
51	CHEMICAL- ATMOSPHERIC POLLUTION	Meteorological Parameters	Rain fall	CB/CL/SOP/AQ13
52	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emissions	Carbon Dioxide (CO <sub>2</sub> )	CB/CL/SOP/SE/5.7/3; Issue No. 01;
53	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emissions	Carbon Monoxide (CO)	CB/CL/SOP/SE/5.7/3; Issue No. 01;
54	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emissions	HCL	US EPA 26 A,
55	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emissions	HF	US EPA 26,
56	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emissions	Oxides of Nitrogen as NO <sub>2</sub>	IS 11255 (Part-7), 2005, RA
57	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emissions	Oxygen (O <sub>2</sub> )	CB/CL/SOP/SE/5.7/3; Issue No. 01;
58	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emissions	Particulate Matter(PM)	IS 11255 (Part-1), 1985, Re affirmed 2019 & IS 11255 (Part-3), 2008; Re affirmed 2018
59	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emissions	Sulphur Dioxide (SO <sub>2</sub> )	IS 11255 (Part-2), 1985; Re affirmed



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ISO/IEC 17025:2017

**Certificate Number**

TC-7723

**Page No**

5 of 16

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60	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal solid waste /Soil/Sediment	Calcium (Exchangeable)	SOP No. CB/SOIL/SOP/07
61	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal solid waste /Soil/Sediment	Exchangeable Sodium Percent (ESP)	SOP No. CB/CL/SOP/S-10
62	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal solid waste /Soil/Sediment	Sodium (Exchangeable)	SOP No. CB/CL/SOP/S-5
63	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Antimony	EPA 1311 /APHA, ICP-AES, 3120-B, 23rd Edition,
64	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Antimony	EPA 1311 /APHA, ICP-MS, 3125-B, 23rd Edition,
65	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Arsenic	EPA 1311 /APHA, AAS, 3114-B, 23rd Edition,
66	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Arsenic	EPA 1311 /APHA, ICP-AES, 3120-B, 23rd Edition,
67	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Arsenic	EPA 1311 /APHA, ICP-MS, 3125-B, 23rd Edition,
68	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Cadmium	EPA 1311 /APHA, AAS, 3111-B, 23rd Edition,
69	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Cadmium	EPA 1311 /APHA, ICP-AES, 3120-B, 23rd Edition,
70	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Cadmium	EPA 1311 /APHA, ICP-MS, 3125-B, 23rd Edition,
71	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Chromium	EPA 1311 /APHA, AAS, 3111-B, 23rd Edition,
72	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Chromium	EPA 1311 /APHA, ICP-AES, 3120-B, 23rd Edition,
73	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Chromium	EPA 1311 /APHA, ICP-MS, 3125-B, 23rd Edition,
74	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Cobalt	EPA 1311 /APHA, ICP-AES, 3120-B, 23rd Edition,
75	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Cobalt	EPA 1311 /APHA, ICP-MS, 3125-B, 23rd Edition,
76	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Copper	EPA 1311 /APHA, AAS, 3111-B, 23rd Edition,



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<b>Accreditation Standard</b>	ISO/IEC 17025:2017	<b>Last Amended on</b>	-
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77	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Copper	EPA 1311 /APHA, ICP-AES, 3120-B, 23rd Edition,
78	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Copper	EPA 1311 /APHA, ICP-MS, 3125-B, 23rd Edition,
79	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Iron	EPA 1311 /APHA, ICP-AES, 3120-B, 23rd Edition,
80	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Iron	EPA 1311 /APHA, AAS, 3111-B, 23rd Edition,
81	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Iron	EPA 1311 /APHA, ICP-MS, 3125-B, 23rd Edition,
82	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Lead	EPA 1311 /APHA, AAS, 3111-B, 23rd Edition,
83	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Lead	EPA 1311 /APHA, ICP-AES, 3120-B, 23rd Edition,
84	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Lead	EPA 1311 /APHA, ICP-MS, 3125-B, 23rd Edition,
85	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Manganese	EPA 1311 /APHA, AAS, 3111-B, 23rd Edition,
86	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Manganese	EPA 1311 /APHA, ICP-AES, 3120-B, 23rd Edition,
87	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Manganese	EPA 1311 /APHA, ICP-MS, 3125-B, 23rd Edition,
88	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Mercury	EPA 1311 /APHA, AAS, 3112-B, 23rd Edition,
89	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Mercury	EPA 1311 /APHA, ICP-MS, 3125-B, 23rd Edition,
90	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Nickel	EPA 1311 /APHA, AAS, 3111-B, 23rd Edition,
91	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Nickel	EPA 1311 /APHA, ICP-AES, 3120-B, 23rd Edition,
92	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Nickel	EPA 1311 /APHA, ICP-MS, 3125-B, 23rd Edition,
93	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Selenium	APHA, ICP-MS, 3125-B, 23rd Edition,



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<b>Accreditation Standard</b>	ISO/IEC 17025:2017	<b>Last Amended on</b>	-
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94	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Selenium	EPA 1311 /APHA, ICP-AES, 3120-B, 23rd Edition,
95	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Vanadium	EPA 1311 /APHA, ICP-AES, 3120-B, 23rd Edition,
96	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Vanadium	EPA 1311 /APHA, ICP-MS, 3125-B, 23rd Edition,
97	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Zinc	EPA 1311 /APHA, AAS, 3111-B, 23rd Edition,
98	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Zinc	EPA 1311 /APHA, ICP-AES, 3120-B, 23rd Edition,
99	CHEMICAL- POLLUTION & ENVIRONMENT	Metal analysis in TCLP extract	Zinc	EPA 1311 /APHA, ICP-AES, 3120-B, 23rd Edition, 2017
100	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal solid waste /Soil/Sediment	Cation Exchange Capacity (CEC)	SOP No. CB/CL/SOP/S-9
101	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal solid waste /Soil/Sediment	Potassium (Exchangeable)	SOP No. CB/CL/SOP/S-6
102	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal solid waste /Soil/Sediment	Conductivity	IS: 14767
103	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal solid waste /Soil/Sediment	Magnesium (Exchangeable)	SOP No. CB/CL/SOP/S-8
104	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal solid waste /Soil/Sediment	Moisture	IS:2720 (Part II) - 1973 (Reaffirmed 2007)
105	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal solid waste /Soil/Sediment	Organic Matter	IS:2720 (Part XXII) - 1972, Reaff 2010
106	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal solid waste /Soil/Sediment	pH	IS:2720 (Part 26) - 1987, reaff. 2002
107	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Antimony	US EPA 6010-D, ICP -AES
108	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Antimony	US EPA 6020-B , -ICP-MS
109	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Arsenic	US EPA 6010-D, -ICP -AES:
110	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Arsenic	US EPA 6020-B , ICP-MS



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111	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Arsenic	EPA 3051 B /APHA, AAS, 3114-B, 23rd Edition,
112	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Cadmium	US EPA 6020-B , -ICP-MS
113	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Cadmium	EPA 3050 B /APHA, AAS, 3111-B, 23rd Edition,
114	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Cadmium	US EPA 6010-D, -ICP -AES
115	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Chromium	EPA 3050 B /APHA, AAS, 3111-B, 23rd Edition,
116	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Chromium	US EPA 6010-D, -ICP -AES
117	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Chromium	US EPA 6020-B , -ICP-MS
118	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Cobalt	US EPA 6010-D, -ICP -AES
119	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Cobalt	US EPA 6020-B , -ICP-MS
120	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Copper	EPA 3050 B /APHA, AAS, 3111-B, 23rd Edition,
121	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Copper	US EPA 6010-D, -ICP -AES
122	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Copper	US EPA 6020-B , -ICP-MS
123	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Iron	EPA 3050 B /APHA, AAS, 3111-B, 23rd Edition,
124	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Iron	US EPA 6010-D, -ICP -AES
125	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Iron	US EPA 6020-B , -ICP-MS
126	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Lead	EPA 3050 B /APHA, AAS, 3111-B, 23rd Edition,
127	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Lead	US EPA 6010-D, -ICP -AES





# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	CENTRAL POLLUTION CONTROL BOARD, CENTRAL LABORATORY, PARIVESH BHAVAN, EAST ARJUN NAGAR, DELHI, INDIA	<b>Page No</b>	9 of 16
<b>Accreditation Standard</b>	ISO/IEC 17025:2017	<b>Last Amended on</b>	-
<b>Certificate Number</b>	TC-7723		
<b>Validity</b>	15/09/2018 to 14/09/2020*		

\* The validity is extended for one year up to 14.09.2021

\*Transition to 2017 version completed w.e.f 14.01.2021 valid until 14.09.2021

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
128	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Lead	US EPA 6020-B , -ICP-MS
129	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Manganese	EPA 3050 B /APHA, AAS, 3111-B, 23rd Edition,
130	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Manganese	US EPA 6010-D,-ICP -AES
131	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Manganese	US EPA 6020-B ,ICP-MS
132	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Mercury	EPA 7471-B /APHA, AAS, 3112-B, 23rd Edition,
133	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Mercury	US EPA 7471-B, -ICP-MS
134	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Nickel	EPA 3050 B /APHA, AAS, 3111-B, 23rd Edition,
135	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Nickel	US EPA 6010-D, 2018-ICP -AES
136	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Nickel	US EPA 6020-B , -ICP-MS
137	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Selenium	US EPA 6010-D, -ICP -AES
138	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Selenium	US EPA 6020-B , -ICP-MS
139	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Vanadium	US EPA 6010-D, -ICP -AES
140	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Vanadium	US EPA 6020-B , -ICP-MS
141	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Zinc	EPA 3050 B /APHA, AAS, 3111-B, 23rd Edition,
142	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Zinc	US EPA 6010-D, -ICP -AES
143	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Wastes (Sludge, Slurry, Powder)	Zinc	US EPA 6020-B , -ICP-MS
144	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Chromium as Cr+6	APHA 3500 - Cr B, 23rd Ed.



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	CENTRAL POLLUTION CONTROL BOARD, CENTRAL LABORATORY, PARIVESH BHAVAN, EAST ARJUN NAGAR, DELHI, INDIA	<b>Page No</b>	10 of 16
<b>Accreditation Standard</b>	ISO/IEC 17025:2017	<b>Last Amended on</b>	-
<b>Certificate Number</b>	TC-7723		
<b>Validity</b>	15/09/2018 to 14/09/2020*		

\* The validity is extended for one year up to 14.09.2021

\*Transition to 2017 version completed w.e.f 14.01.2021 valid until 14.09.2021

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
145	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Ammonical Nitrogen (NH <sub>3</sub> -N)	APHA 4500 NH <sub>3</sub> -N - B&C, 23rd Ed.
146	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Bio - Chemical Oxygen Demand	APHA 5210 B, 23rd Ed. 2017, 4500 OC, . IS-3025 part 44:1993
147	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Chemical Oxygen Demand	APHA 5220 B, 23rd Ed.
148	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Chloride	APHA 4500 - Cl B, 23rd Ed.
149	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Conductivity	APHA 2510 - B, 23rd Ed.
150	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Oil & Grease	APHA 5520 B, 23rd Ed.
151	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	pH	APHA 4500 H+ - B, 23rd Ed.
152	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Phosphate - P	APHA 4500 - PD, 23rd Ed. .
153	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Suspended Solids	APHA 2540 D, 23rd Ed.
154	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total and Dissolved Organic/ Inorganic Carbon	APHA, TOC, 5310-B: 23rd Edition,
155	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Total Dissolved Solids	APHA 2540 C, 23rd Ed.
156	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Total Solids	APHA 2540 B, 23rd Ed.
157	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Antimony	APHA, ICP-AES, 3120-B, 23rd Edition,
158	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Antimony	APHA, ICP-MS, 3125-B, 23rd Edition,
159	CHEMICAL- RESIDUES IN WATER	Heavy metal	Arsenic	APHA, AAS, 3114-B, 23rd Edition,
160	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Arsenic	APHA, ICP-AES, 3120-B, 23rd Edition,
161	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Arsenic	APHA, ICP-MS, 3125-B, 23rd Edition,



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	CENTRAL POLLUTION CONTROL BOARD, CENTRAL LABORATORY, PARIVESH BHAVAN, EAST ARJUN NAGAR, DELHI, INDIA	<b>Page No</b>	11 of 16
<b>Accreditation Standard</b>	ISO/IEC 17025:2017	<b>Last Amended on</b>	-
<b>Certificate Number</b>	TC-7723		
<b>Validity</b>	15/09/2018 to 14/09/2020*		

\* The validity is extended for one year up to 14.09.2021

\*Transition to 2017 version completed w.e.f 14.01.2021 valid until 14.09.2021

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
162	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Cadmium	APHA, AAS, 3111-B, 23rd Edition,
163	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Cadmium	APHA, ICP-AES, 3120-B, 23rd Edition,
164	CHEMICAL- RESIDUES IN WATER	Heavy metal	Cadmium	APHA, ICP-MS, 3125-B, 23rd Edition,
165	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Chromium	APHA, ICP-AES, 3120-B, 23rd Edition,
166	CHEMICAL- RESIDUES IN WATER	Heavy metal	Chromium	APHA, AAS, 3111-B, 23rd Edition
167	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Chromium	APHA, ICP-MS, 3125-B, 23rd Edition,
168	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Cobalt	APHA, ICP-AES, 3120-B, 23rd Edition, : 2017
169	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Cobalt	APHA, ICP-MS, 3125-B, 23rd Edition,
170	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Copper	APHA, AAS, 3111-B, 23rd Edition,
171	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Copper	APHA, ICP-AES, 3120-B, 23rd Edition,
172	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Copper	APHA, ICP-MS, 3125-B, 23rd Edition,
173	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Iron	APHA, AAS, 3111-B, 23rd Edition,
174	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Iron	APHA, ICP-AES, 3120-B, 23rd Edition,
175	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Iron	APHA, ICP-MS, 3125-B, 23rd Edition,
176	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Lead	APHA, AAS, 3111-B, 23rd Edition,
177	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Lead	APHA, ICP-AES, 3120-B, 23rd Edition,
178	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Lead	APHA, ICP-MS, 3125-B, 23rd Edition,



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	CENTRAL POLLUTION CONTROL BOARD, CENTRAL LABORATORY, PARIVESH BHAVAN, EAST ARJUN NAGAR, DELHI, INDIA	<b>Page No</b>	12 of 16
<b>Accreditation Standard</b>	ISO/IEC 17025:2017	<b>Last Amended on</b>	-
<b>Certificate Number</b>	TC-7723		
<b>Validity</b>	15/09/2018 to 14/09/2020*		

\* The validity is extended for one year up to 14.09.2021

\*Transition to 2017 version completed w.e.f 14.01.2021 valid until 14.09.2021

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
179	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Manganese	APHA, AAS, 3111-B, 23rd Edition,
180	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Manganese	APHA, ICP-AES, 3120-B, 23rd Edition,
181	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Manganese	APHA, ICP-MS, 3125-B, 23rd Edition,
182	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Mercury	APHA, AAS, 3112-B, 23rd Edition,
183	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Mercury	APHA, ICP-MS, 3125-B, 23rd Edition,
184	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Nickel	APHA, AAS, 3111-B, 23rd Edition,
185	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Nickel	APHA, ICP-AES, 3120-B, 23rd Edition,
186	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Nickel	APHA, ICP-MS, 3125-B, 23rd Edition,
187	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Selenium	APHA, ICP-AES, 3120-B, 23rd Edition,
188	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Selenium	APHA, ICP-MS, 3125-B, 23rd Edition,
189	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Vanadium	APHA, ICP-AES, 3120-B, 23rd Edition,
190	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Vanadium	APHA, ICP-MS, 3125-B, 23rd Edition,
191	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Zinc	APHA, AAS, 3111-B, 23rd Edition,
192	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Zinc	APHA, ICP-AES, 3120-B, 23rd Edition,
193	CHEMICAL- RESIDUES IN WATER	Heavy Metal	Zinc	APHA, ICP-MS, 3125-B, 23rd Edition,
194	CHEMICAL- RESIDUES IN WATER	Organochlorine pesticides (OCPs)	Aldrin	USEPA Method No. 8081B,
195	CHEMICAL- RESIDUES IN WATER	Organochlorine pesticides (OCPs)	Alpha-Endosulfan	USEPA Method No. 8081B,



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	CENTRAL POLLUTION CONTROL BOARD, CENTRAL LABORATORY, PARIVESH BHAVAN, EAST ARJUN NAGAR, DELHI, INDIA	<b>Page No</b>	13 of 16
<b>Accreditation Standard</b>	ISO/IEC 17025:2017	<b>Last Amended on</b>	-
<b>Certificate Number</b>	TC-7723		
<b>Validity</b>	15/09/2018 to 14/09/2020*		

\* The validity is extended for one year up to 14.09.2021

\*Transition to 2017 version completed w.e.f 14.01.2021 valid until 14.09.2021

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
196	CHEMICAL- RESIDUES IN WATER	Organochlorine pesticides (OCPs)	Alpha-HCH	USEPA Method No. 8081B,
197	CHEMICAL- RESIDUES IN WATER	Organochlorine pesticides (OCPs)	Beta-Endosulfan	USEPA Method No. 8081B,
198	CHEMICAL- RESIDUES IN WATER	Organochlorine pesticides (OCPs)	Beta-HCH	USEPA Method No. 8081B
199	CHEMICAL- RESIDUES IN WATER	Organochlorine pesticides (OCPs)	Dieldrin	USEPA Method No. 8081B,
200	CHEMICAL- RESIDUES IN WATER	Organochlorine pesticides (OCPs)	Gama-HCH	USEPA Method No. 8081B,
201	CHEMICAL- RESIDUES IN WATER	Organochlorine pesticides (OCPs)	o,p'-DDT	USEPA Method No. 8081B,
202	CHEMICAL- RESIDUES IN WATER	Organochlorine pesticides (OCPs)	p,p'-DDE	USEPA Method No. 8081B,
203	CHEMICAL- RESIDUES IN WATER	Organochlorine pesticides (OCPs)	p,p'-DDT	USEPA Method No. 8081B, 2007
204	CHEMICAL- RESIDUES IN WATER	Organophosphorus pesticides (OPPs)	Chlorpyrifos	USEPA Method No.8141B,
205	CHEMICAL- RESIDUES IN WATER	Organophosphorus pesticides (OPPs)	Dimethoate	USEPA Method No.8141B,
206	CHEMICAL- RESIDUES IN WATER	Organophosphorus pesticides (OPPs)	Ethion	USEPA Method No.8141B,
207	CHEMICAL- RESIDUES IN WATER	Organophosphorus pesticides (OPPs)	Malathion	USEPA Method No.8141B,
208	CHEMICAL- RESIDUES IN WATER	Organophosphorus pesticides (OPPs)	Methyl Parathion	USEPA Method No.8141B,
209	CHEMICAL- WATER	ground water	Bio-chemical Oxygen Demand	APHA 5210 B, 23rd Ed. 2017, 4500 OC, . IS-3025 part 44:1993 BOD
210	CHEMICAL- WATER	ground water	Calcium	APHA 3500 - Ca B, 23rd
211	CHEMICAL- WATER	ground water	Chemical Oxygen Demand	APHA 5220 B, 23rd Ed.
212	CHEMICAL- WATER	ground water	Chloride	APHA 4500 - Cl B, 23rdEd.
213	CHEMICAL- WATER	ground water	Conductivity	APHA 2510 - B, 23rd Ed.
214	CHEMICAL- WATER	ground water	Fluoride	APHA 4500 - F D, 23rdEd.



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	CENTRAL POLLUTION CONTROL BOARD, CENTRAL LABORATORY, PARIVESH BHAVAN, EAST ARJUN NAGAR, DELHI, INDIA		
<b>Accreditation Standard</b>	ISO/IEC 17025:2017		
<b>Certificate Number</b>	TC-7723	<b>Page No</b>	14 of 16
<b>Validity</b>	15/09/2018 to 14/09/2020*	<b>Last Amended on</b>	-

\* The validity is extended for one year up to 14.09.2021

\*Transition to 2017 version completed w.e.f 14.01.2021 valid until 14.09.2021

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
215	CHEMICAL- WATER	ground water	Magnesium	APHA 3500 - Mg B, 23rd
216	CHEMICAL- WATER	ground water	NH3-N	IS:3025 (Part-34)-1988, (First reprint April-1992)
217	CHEMICAL- WATER	ground water	NO2-N	APHA 4500 - NO2, B 23rd
218	CHEMICAL- WATER	ground water	pH	APHA 4500 H+ - B, 23rd Ed.
219	CHEMICAL- WATER	ground water	Phosphate-P	APHA 4500 - PD, 23rd Ed
220	CHEMICAL- WATER	Ground Water	Total and Dissolved Organic/ Inorganic Carbon	APHA, TOC, 5310-B: 23rd Edition,
221	CHEMICAL- WATER	Ground water	Total Dissolved solid	APHA 2540 C, 23rd Ed:
222	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	APHA 2340 - C 23rd Ed.
223	CHEMICAL- WATER	surface water	Bio-chemical Oxygen Demand	APHA 5210 B, 23rd Ed. , 4500 OC, IS-3025 part 44:1993 BOD
224	CHEMICAL- WATER	Surface water	Calcium	APHA 3500 - Ca B, 23rd Ed.
225	CHEMICAL- WATER	surface water	Chemical Oxygen Demand	APHA 5220 B, 23rd Ed.
226	CHEMICAL- WATER	surface water	Chloride	APHA 4500 - Cl B, 23rdEd.
227	CHEMICAL- WATER	surface water	Conductivity	APHA 2510 - B, 23rd Ed
228	CHEMICAL- WATER	surface water	Fluoride	APHA 4500 - F D, 23rdEd.
229	CHEMICAL- WATER	surface water	Magnesium	APHA 3500 - Mg B, 23rd Ed.
230	CHEMICAL- WATER	surface water	NH3-N	IS:3025 (Part-34)-1988, (First reprint April-1992)
231	CHEMICAL- WATER	surface water	NO2-N	APHA 4500 - NO2, B 23rd Ed
232	CHEMICAL- WATER	surface water	pH	APHA 4500 H+ - B, 23rd Ed.
233	CHEMICAL- WATER	surface water	Phosphate-P	APHA 4500 - PD, 23rd Ed.
234	CHEMICAL- WATER	Surface Water	Total and Dissolved Organic/ Inorganic Carbon	APHA, TOC, 5310-B: 23rd Edition, :
235	CHEMICAL- WATER	surface water	Total Dissolved Solids	APHA 2540 C, 23rd Ed
236	CHEMICAL- WATER	surface water	Total Hardness as CaCO3	APHA 2340 - C 23rd Ed.



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	CENTRAL POLLUTION CONTROL BOARD, CENTRAL LABORATORY, PARIVESH BHAVAN, EAST ARJUN NAGAR, DELHI, INDIA		
<b>Accreditation Standard</b>	ISO/IEC 17025:2017		
<b>Certificate Number</b>	TC-7723	<b>Page No</b>	15 of 16
<b>Validity</b>	15/09/2018 to 14/09/2020*	<b>Last Amended on</b>	-

\* The validity is extended for one year up to 14.09.2021

\*Transition to 2017 version completed w.e.f 14.01.2021 valid until 14.09.2021

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Site Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air (Manual Methods) AT SITE - 1 ( Monitoring Station at BSZ Marg, near ITO)	Nitrogen Dioxide (NO2) (Chemical method)	IS 5182 (Part-6) 2006 Re-affirmed
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air (Manual Methods) AT SITE - 1 ( Monitoring Station at BSZ Marg, near ITO)	Sulphur Dioxide (SO2) Chemical method	IS 5182 (Part-2) 2001 Re-affirmed 2017
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air (Manual Methods) AT SITE - 1 ( Monitoring Station at BSZ Marg, near ITO)	Particulate matter (PM10)	IS5182 (Part - 23) 2006 Re-affirmed 2017 USEPA IO - 2.1 EPA/625/R-96/010a
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air (On-Line Instrumental Methods) AT SITE 4 - ( Monitoring Station at NSIT, Dwarka)	Benzene	CB/CL/SOP/AQ5 Issue No.: 01 Issue Date: 29.04.2014
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air (On-Line Instrumental Methods) AT SITE 4 - ( Monitoring Station at NSIT, Dwarka)	Oxides of Nitrogen	CB/CL/SOP/AQ2 Issue No.: 01
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air (On-Line Instrumental Methods) AT SITE 4 - ( Monitoring Station at NSIT, Dwarka)	Ozone	CB/CL/SOP/AQ4 Issue No.: 01
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air (On-Line Instrumental Methods) AT SITE - 2 ( Monitoring Station at IHBAS, Dilshad Garden)	Carbon Monoxide	ISO 4224: 2000 (E) 1st Edition
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air (On-Line Instrumental Methods) AT SITE - 3 ( Monitoring Station at DMS, Shadipur)	Ozone	CB/CL/SOP/AQ4 Issue No.: 01
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air (On-Line Instrumental Methods) AT SITE - 3 ( Monitoring Station at DMS, Shadipur)	SO2	ISO 10498: 2004(E) 1st Edition
10	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air (On-Line Instrumental Methods) AT SITE - 3 ( Monitoring Station at DMS, Shadipur)	Benzene	CB/CL/SOP/AQ5 Issue No.: 01
11	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air (On-Line Instrumental Methods) AT SITE 4 - ( Monitoring Station at NSIT, Dwarka)	Carbon Monoxide	ISO 4224: 2000 (E) 1st Edition
12	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air (On-Line Instrumental Methods) AT SITE 4 - ( Monitoring Station at NSIT, Dwarka)	SO2	ISO 10498: 2004(E) 1st Edition
13	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air (On-Line Instrumental Methods) AT SITE - 2 ( Monitoring Station at IHBAS, Dilshad Garden)	SO2	ISO 10498: 2004(E) 1st Edition
14	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air (On-Line Instrumental Methods) AT SITE - 3 ( Monitoring Station at DMS, Shadipur)	Particulate Matter , Size	CB/CL/SOP/AQ6 Issue No.01,
15	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air (On-Line Instrumental Methods) AT SITE - 3 ( Monitoring Station at DMS, Shadipur)	Carbon Monoxide	ISO 4224: 2000 (E) 1st Edition
16	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air (On-Line Instrumental Methods) AT SITE - 3 ( Monitoring Station at DMS, Shadipur)	Oxides of Nitrogen	CB/CL/SOP/AQ2 Issue No.: 01



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

CENTRAL POLLUTION CONTROL BOARD, CENTRAL LABORATORY, PARIVESH BHAVAN,  
EAST ARJUN NAGAR, DELHI, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-7723

**Page No**

16 of 16

**Validity**

15/09/2018 to 14/09/2020\*

**Last Amended on**

-

\* The validity is extended for one year up to 14.09.2021

\*Transition to 2017 version completed w.e.f 14.01.2021 valid until 14.09.2021

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
17	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air (On-Line Instrumental Methods) AT SITE - 2 ( Monitoring Station at IHBAS, Dilshad Garden)	Oxides of Nitrogen	CB/CL/SOP/AQ2 Issue No.: 01 Issue Date: 29.04.2014
18	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air (On-Line Instrumental Methods) AT SITE - 2 ( Monitoring Station at IHBAS, Dilshad Garden)	Particulate Matter , Size	CB/CL/SOP/AQ6 Issue No.01,
19	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air (On-Line Instrumental Methods) AT SITE 4 - ( Monitoring Station at NSIT, Dwarka)	Particulate Matter , Size	CB/CL/SOP/AQ6 Issue No.01,