National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DEEPA ENTERPRISES, PLOT NO.-148B, LEELAWATI ENCLAVE, TIGAON ROAD, MUJEDI, BALLABHGARH, FARIDABAD, FARIDABAD, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5413 **Page No** 1 of 6

Validity 04/06/2021 to 03/06/2023 **Last Amended on** -

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	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia	IS-5182 Part 25
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Arsenic	is 5182 part 6
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Lead	IS 5182 part 22
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxides of Nitrogen as NO2	IS 5182 (Part 6)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone	IS 5182 (Part 9)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM 2.5)	IS 5182 Part 24
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Reparable Particulate Matter (PM10)	IS 5182 (Part 23)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Respirable Particulate Matter (PM 10)	IS 5182 (Part 23)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulpher Dioxide	IS 5182 (Part 2)
10	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Noise Level	IS 9989:1981
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen as NOx	IS 11255 (Part 7)
12	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 (Part 1)
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulpher Dioxide	IS 11255 (Part 2)
14	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water (ETP/STP)	Biochemical Oxygen Demand (BOD)	IS 302 (Part 44):1993
15	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water (ETP/STP)	Chemical Oxygen Demand (COD)	IS 3025 (Part 58):2006
16	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water (ETP/STP)	Chromium as Cr+6	IS 3025 (Part 52), Diphenylcarbazide Method
17	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water (ETP/STP)	Nickel as Ni	IS 3025 (Part 54), Dimethyglyoxime Method
18	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water (ETP/STP)	pH Value	IS 3025 (Part 11):1983, Electrometric Method

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5413 **Page No** 2 of 6

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19	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water (ETP/STP)	Total Suspended Solids (TSS)	IS 3025 (Part 17):1984
20	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water (ETP/ STP)	Oil & Grease	IS 3025 (Part 39):1991, Partition Gravimetric Method
21	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water (ETP/STP)	copper	IS 3025 part 42
22	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water (ETP/STP)	Temperature	IS 3025 part 9
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Arsenic	IS 3025 part 37
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	IRON	IS 3025 part 53
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	LEAD	IS 3025 part 47
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Mercury	IS 3025 part 48
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total dissolve solids	IS 3025 part 16
28	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total dissolved solids	is 3025 part 16
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Zinc	IS 3025 part 49
30	CHEMICAL- WATER	Construction Water	Acidity as CaCO3	IS 3025: Part 22:1986 Reaffirmed :2014 Amds 1 Titrimetric Method
31	CHEMICAL- WATER	Construction Water	Alkalinity CaCO3	IS 3025: Part 23:1986 Reaffirmed 2014 Amds 1 Titrimetric Method
32	CHEMICAL- WATER	Construction Water	Calcium as Ca	IS 3025: Part 40:1991 Reaffirmed :2014 Amds 1 EDTA Titrimetric method
33	CHEMICAL- WATER	Construction Water	Chloride Cl	IS 3025: Part 32:1988 Reaffirmed :2014 ,Amds 1 Argentomertic method
34	CHEMICAL- WATER	Construction Water	Fixed & Volatile Solid	IS 3025: Part 18:1984 Reaffirmed :2017, Amds 1 Gravimetric method
35	CHEMICAL- WATER	Construction Water	Iron as Fe	IS 3025: Part 53:2003 Reaffirmed :2009 1,10 Phenothroline Method

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Certificate Number TC-5413 **Page No** 3 of 6

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36	CHEMICAL- WATER	Construction Water	Magnesium as Mg	IS 3025: Part 46:1994 Reaffirmed :2014 Amds 2 EDTA Titrimetric Method
37	CHEMICAL- WATER	Construction Water	pH Value	IS 3025: Part 11:1983Reaffirmed :2017 Electrometric method
38	CHEMICAL- WATER	Construction Water	Specific Conductance	IS 3025: Part 14:2013 Reaffirmed :2017 Wheatstone Bridge, Conductance Cell)
39	CHEMICAL- WATER	Construction Water	Sulphate as SO4	IS 3025: Part 24:1986 Reaffirmed :2014 Turbidity/Gravimetric Method
40	CHEMICAL- WATER	Construction Water	Temperature	IS 3025: Part 9:1984 Reaffirmed :2017
41	CHEMICAL- WATER	Construction Water	Total Dissolved Solid	IS 3025: Part 16:1984 Reaffirmed :2017,Amds 1 Gravimetric method
42	CHEMICAL- WATER	Construction Water	Total Hardness as CaCO3	IS 3025: Part 21:2009Reaffirmed :2014 EDTA Titrimetric Method
43	CHEMICAL- WATER	Drinking Water	Acidity as CaCO3	IS 3025: Part 22:1986 Reaffirmed :2014 Amds 1 Titrimetric Method
44	CHEMICAL- WATER	Drinking Water	Alkalinity CaCO3	IS 3025: Part 23:1986 Reaffirmed 2014 Amds 1 Titrimetric Method
45	CHEMICAL- WATER	Drinking Water	Arsenic	IS 3025 part 37
46	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025: Part 40:1991 Reaffirmed :2014 Amds 1 EDTA Titrimetric method
47	CHEMICAL- WATER	Drinking Water	Chloride Cl	IS 3025: Part 32:1988 Reaffirmed :2014 ,Amds 1 Argentomertic method
48	CHEMICAL- WATER	Drinking Water	chromium+6	IS 3025 part 52
49	CHEMICAL- WATER	Drinking Water	Cuppor	IS 3025 part 42
50	CHEMICAL- WATER	Drinking Water	Fixed & Volatile Solid	IS 3025: Part 18:1984 Reaffirmed :2017, Amds 1 Gravimetric method

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5413 **Page No** 4 of 6

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51	CHEMICAL- WATER	Drinking Water	Iron as Fe	IS 3025: Part 53:2003 Reaffirmed :2009 1,10 Phenothroline Method
52	CHEMICAL- WATER	Drinking Water	LEAD	is 3025 part 47
53	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025: Part 46:1994 Reaffirmed :2014 Amds 2 EDTA Titrimetric Method
54	CHEMICAL- WATER	Drinking Water	MURCURY	IS 3025 part 48
55	CHEMICAL- WATER	Drinking Water	NICKEL	IS 3025 part 54
56	CHEMICAL- WATER	Drinking Water	pH Value	IS 3025: Part 11:1983Reaffirmed :2017 Electrometric method
57	CHEMICAL- WATER	Drinking Water	Specific Conductance	IS 3025: Part 14:2013 Reaffirmed :2017 Wheatstone Bridge, Conductance Cell)
58	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS 3025: Part 24:1986 Reaffirmed :2014 Turbidity/Gravimetric Method
59	CHEMICAL- WATER	Drinking Water	Temperature	IS 3025: Part 9:1984 Reaffirmed :2017
60	CHEMICAL- WATER	Drinking Water	Total Dissolved Solid	IS 3025: Part 16:1984 Reaffirmed :2017,Amds 1 Gravimetric method
61	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025: Part 21:2009Reaffirmed :2014 EDTA Titrimetric Method
62	CHEMICAL- WATER	Drinking Water	ZINK	IS 3025 part 49
63	CHEMICAL- WATER	Swimming pool Water	Acidity as CaCO3	IS 3025: Part 22:1986 Reaffirmed :2014 Amds 1 Titrimetric Method
64	CHEMICAL- WATER	Swimming pool Water	Alkalinity CaCO3	IS 3025: Part 23:1986 Reaffirmed 2014 Amds 1 Titrimetric Method
65	CHEMICAL- WATER	Swimming pool Water	Calcium as Ca	IS 3025: Part 40:1991 Reaffirmed :2014 Amds 1 EDTA Titrimetric method
66	CHEMICAL- WATER	Swimming pool Water	Chloride Cl	IS 3025: Part 32:1988 Reaffirmed :2014 ,Amds 1 Argentomertic method

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5413 **Page No** 5 of 6

Validity 04/06/2021 to 03/06/2023 **Last Amended on** -

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67	CHEMICAL- WATER	Swimming pool Water	Fixed & Volatile Solid	IS 3025: Part 18:1984 Reaffirmed :2017, Amds 1 Gravimetric method
68	CHEMICAL- WATER	Swimming pool Water	Iron as Fe	IS 3025: Part 53:2003 Reaffirmed :2009 1,10 Phenothroline Method
69	CHEMICAL- WATER	Swimming pool Water	Magnesium as Mg	IS 3025: Part 46:1994 Reaffirmed :2014 Amds 2 EDTA Titrimetric Method
70	CHEMICAL- WATER	Swimming pool Water	pH Value	IS 3025: Part 11:1983Reaffirmed :2017 Electrometric method
71	CHEMICAL- WATER	Swimming pool Water	Specific Conductance	IS 3025: Part 14:2013 Reaffirmed :2017 Wheatstone Bridge, Conductance Cell)
72	CHEMICAL- WATER	Swimming pool Water	Sulphate as SO4	IS 3025: Part 24:1986 Reaffirmed :2014 Turbidity/Gravimetric Method
73	CHEMICAL- WATER	Swimming pool Water	Temperature	IS 3025: Part 9:1984 Reaffirmed :2017
74	CHEMICAL- WATER	Swimming pool Water	Total Dissolved Solid	IS 3025: Part 16:1984 Reaffirmed :2017,Amds 1 Gravimetric method
75	CHEMICAL- WATER	Swimming pool Water	Total Hardness as CaCO3	IS 3025: Part 21:2009Reaffirmed :2014 EDTA Titrimetric Method
76	CHEMICAL- WATER	Water for construction purpose	Arcenic	IS 3025 part 37
77	CHEMICAL- WATER	Water for construction purpose	Chromium +6	IS 3025 part 52
78	CHEMICAL- WATER	Water for construction purpose	Cuppor	IS 3025 part 42
79	CHEMICAL- WATER	Water for construction purpose	lead	is 3025 part 47
80	CHEMICAL- WATER	Water for construction purpose	Mercury	is 3025 part 48
81	CHEMICAL- WATER	Water for construction purpose	nickel	is 3025 part 54
82	CHEMICAL- WATER	Water for construction purpose	suspended material (TSS)	IS 3025 P 17
83	CHEMICAL- WATER	Water for construction purpose	ZINK	IS 3025 part 49
84	CHEMICAL- WATER	Water for Swimming Pool	Arcenic	IS 3025 part 37
85	CHEMICAL- WATER	Water for Swimming Pool	Chromium +6	IS 3025 part 52
86	CHEMICAL- WATER	Water for Swimming Pool	cuppor	IS 3025 part 42

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Certificate Number TC-5413 **Page No** 6 of 6

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87	CHEMICAL- WATER	Water for Swimming Pool	Lead	is 3025 part 47
88	CHEMICAL- WATER	Water for Swimming Pool	Mercury	IS 3025 part 48
89	CHEMICAL- WATER	Water for Swimming Pool	Nickel	IS 3025 part 54
90	CHEMICAL- WATER	Water for Swimming Pool	ZINK	IS 3025 part 49