National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : EARTH & ENVIRONMENT LABORATORY, S-27, CHANDRALOK MARKET COMPLEX, NILADRIVIHAR, CHANDRASEKHARPUR, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 22/01/2022 to 21/01/2024 **Last Amended on** 26/05/2023

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	EEL/SOP/AAQ/NH3-01,Issue No 00
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Cyanide	EEL/SOP/AAQ/CN-01,Issue No.00
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Dust Fall	IS:5182(P-1)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Fluoride	IS:5182(P-13)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Lead	EEL/SOP/AAQ/Pb-01,Issue No.00
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nitrogen Dioxide	IS:5182(P-6)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ozone	EEL/SOP/AAQ/Oz-01,Issue No.00
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	PM 10 Particulate Matter(	IS:5182(P-23)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	PM 2.5 Particulate Matter(	SOP No.-R-8.3.55/STP(A)CPCB Guidlines
10	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Sulphur Dioxide	IS:5182(P-2)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Suspended Particulate Matter	EEL/SOP/AAQ/SPM-01,Issue No.00
12	CHEMICAL- ATMOSPHERIC POLLUTION	Noise	Sound Pressure Level	IS:9989-1981
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Ammonia	IS:11255(P-6)
14	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Carbon Disulphide	IS:11255(P-4)
15	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Cyanide	EEL/SOP/SM/CN-01,Issue No.00
16	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Fluoride	EEL/SOP/SM/F-01.Issue No.00
17	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Hydrogen Sulphide	IS:11255(P-4)
18	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxides of Nitrogen(as NOx)	USEPA

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19	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Particulate Matter	IS:11255(P-1)
20	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur Dioxide(as SO2)	IS:11255(P-2)
21	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride	IS:6925
22	CHEMICAL- BUILDING MATERIAL	Admixture	pH Value	IS: 9103
23	CHEMICAL- BUILDING MATERIAL	Aggregate	Chlorides	BSEN
24	CHEMICAL- BUILDING MATERIAL	Aggregate	Sulphates	BSEN
25	CHEMICAL- BUILDING MATERIAL	Cement (OPC & PPC)	Alumina	IS:4032
26	CHEMICAL- BUILDING MATERIAL	Cement (OPC & PPC)	Calcium Oxide	IS:4032
27	CHEMICAL- BUILDING MATERIAL	Cement (OPC & PPC)	Ferric Oxide	IS:4032
28	CHEMICAL- BUILDING MATERIAL	Cement (OPC & PPC)	Insoluble Residue	IS:4032
29	CHEMICAL- BUILDING MATERIAL	Cement (OPC & PPC)	LOI	IS:4032
30	CHEMICAL- BUILDING MATERIAL	Cement (OPC & PPC)	Magnesia	IS:4032
31	CHEMICAL- BUILDING MATERIAL	Cement (OPC & PPC)	Potassium Oxide	IS:4032
32	CHEMICAL- BUILDING MATERIAL	Cement (OPC & PPC)	Silica	IS:4032
33	CHEMICAL- BUILDING MATERIAL	Cement (OPC & PPC)	Sodium Oxide	IS:4032
34	CHEMICAL- BUILDING MATERIAL	Cement (OPC & PPC)	Sulphuric Anhydride	IS:4032
35	CHEMICAL- BUILDING MATERIAL	Cement (OPC & PPC)	Total Chloride	IS:4032
36	CHEMICAL- BUILDING MATERIAL	Concrete	Chlorides	IS:14959(P-1)
37	CHEMICAL- BUILDING MATERIAL	Concrete	Sulphur	BS:1881(P-124)

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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
38	CHEMICAL- BUILDING MATERIAL	Fly ash	Silica	IS:1727
39	CHEMICAL- BUILDING MATERIAL	Fly ash	Sulphate Anhydride	IS:1727
40	CHEMICAL- BUILDING MATERIAL	Fly ash	Alumina	IS:1727
41	CHEMICAL- BUILDING MATERIAL	Fly ash	Available Alkalies as Na2O	IS:3812(P-1)
42	CHEMICAL- BUILDING MATERIAL	Fly ash	Calcium Oxide	IS:1727
43	CHEMICAL- BUILDING MATERIAL	Fly ash	Chlorides	IS:4032
44	CHEMICAL- BUILDING MATERIAL	Fly ash	Ferric Oxide	IS:1727
45	CHEMICAL- BUILDING MATERIAL	Fly ash	LOI	IS 1727
46	CHEMICAL- BUILDING MATERIAL	Fly ash	Magnesia	IS:1727
47	CHEMICAL- BUILDING MATERIAL	Fly ash	Moisture	IS: 3812 (P-1)
48	CHEMICAL- METALS & ALLOYS	Metal & Alloys (Plain Steel, Alloy Steels & Structural Steel)	Sulphur	IS:228 (P-9)
49	CHEMICAL- METALS & ALLOYS	Metal & Alloys (Plain Steel, Alloys Steels & structural Steel)	Manganese	IS:228(P-2)
50	CHEMICAL- METALS & ALLOYS	Metals & alloys (Plain Steel, Alloy Ateels & Structural Steel)	Silicon	IS:228(P-8)
51	CHEMICAL- METALS & ALLOYS	Metals & alloys (Plain Steel, Alloy Ateels & Structural Steel)	Phosphorous	IS:228(P- 3)
52	CHEMICAL- ORES & MINERALS	Alluminium Ore	Lusture	EEL/SOP/OM-MS- 01, Issue No. 00
53	CHEMICAL- ORES & MINERALS	Alluminium Ore	Streak	EEL/SOP/OM-MS- 01, Issue No.00
54	CHEMICAL- ORES & MINERALS	Aluminium Ores	Colour	EEL/SOP/OM-MS- 01, Issue No.00
55	CHEMICAL- ORES & MINERALS	Aluminium Ore	Alteration	EEL/SOP/OM-MicroS- 01,Issue No. 00
56	CHEMICAL- ORES & MINERALS	Aluminium Ore	Cleavage	EEL/SOP/OM-MicroS- 01, Issue No.00

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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
57	CHEMICAL- ORES & MINERALS	Aluminium Ore	Cleavage	EEL/SOP/OM-MS- 01, Issue No.00
58	CHEMICAL- ORES & MINERALS	Aluminium Ore	Extinction	EEL/SOP/OM-MicroS- 01, Issue No. 00
59	CHEMICAL- ORES & MINERALS	Aluminium Ore	Fracture	EEL/SOP/OM-MS- 01,Issue No. 00
60	CHEMICAL- ORES & MINERALS	Aluminium Ore	Hardness	EEL/SOP/OM-MS- 01, Issue No.00
61	CHEMICAL- ORES & MINERALS	Aluminium Ore	Liberation Percentage	EEL/SOP/OM-MicroS- 01 Issue No.00
62	CHEMICAL- ORES & MINERALS	Aluminium Ore	Magnestisation	EEL/SOP/OM-MS- 01,Issue No. 00
63	CHEMICAL- ORES & MINERALS	Aluminium Ore	Pleochroism	EEL/SOP/OM-MicroS- 01,Issue No.00
64	CHEMICAL- ORES & MINERALS	Aluminium Ore	Specific Gravity	EEL/SOP/OM-MS- 01,Issue No. 00
65	CHEMICAL- ORES & MINERALS	Aluminium Ore	Transparency	EEL/SOP/OM-MS- 01, Issue No.00
66	CHEMICAL- ORES & MINERALS	Aluminium Ore	Twinning	EEL/SOP/OM-MicroS- 01,Issue No. 00
67	CHEMICAL- ORES & MINERALS	Alumino Silicate Minerals	Sodium Oxide	IS:12107(P-9) & IS :1527
68	CHEMICAL- ORES & MINERALS	Alumino Silicate Minerals	Alumina	IS:12107(P-3) & IS:1527
69	CHEMICAL- ORES & MINERALS	Alumino Silicate Minerals	LOI	IS:12107(P-1) & IS :1527
70	CHEMICAL- ORES & MINERALS	Alumino Silicate Minerals	Calcium Oxide	IBM
71	CHEMICAL- ORES & MINERALS	Alumino Silicate Minerals	Chromium Trioxide	IBM
72	CHEMICAL- ORES & MINERALS	Alumino Silicate Minerals	Iron Oxide	IS :12107(P-6) & IS :1527
73	CHEMICAL- ORES & MINERALS	Alumino Silicate Minerals	Magnesium Oxide	IBM
74	CHEMICAL- ORES & MINERALS	Alumino Silicate Minerals	Manganese Oxide	IS:12107(P-7)
75	CHEMICAL- ORES & MINERALS	Alumino Silicate Minerals	Phosphorous Pentoxide	IBM,Feb

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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
76	CHEMICAL- ORES & MINERALS	Alumino Silicate Minerals	Potassium Oxide	IS :12107 (P-9) & IS:1527
77	CHEMICAL- ORES & MINERALS	Alumino Silicate Minerals	Silica	IS :12107(P-2) & IS:1527
78	CHEMICAL- ORES & MINERALS	Alumino Silicate Minerals	Titanium Oxide	IS:12107(P-5) & IS :1527
79	CHEMICAL- ORES & MINERALS	Alumino Siolicate minerals	Bulk Density	EEL/SOP/RY-01 Issue No. 00 2015 ,IS:1528(P-12)
80	CHEMICAL- ORES & MINERALS	Alumino-silicate Group , Ferromagnesian Silicates ,Quartz group	Habit	EEL/SOP/OM-Ms-01 Issue No.00
81	CHEMICAL- ORES & MINERALS	Alumino-silicate Group ,Ferromagnesian Silicates, Quartz group	Colour	EEL/SOP/OM-MS-01 Issue No. 00
82	CHEMICAL- ORES & MINERALS	Alumino-silicate Group ,Ferromagnesian Silicates, Quartz group	Lusture	EEL/SOP/OM-MS-01 Issue No.00
83	CHEMICAL- ORES & MINERALS	Alumino-silicate Group ,Ferromagnesian Silicates, Quartz group	Streak	EEL/SOP/OM-MS-01 Issue No.00
84	CHEMICAL- ORES & MINERALS	Alumino-silicate Group ,Ferromagnesian Silicates, Quartz group	Transparency	EEL/SOP/OM-MS-01 Issue No. 00
85	CHEMICAL- ORES & MINERALS	Alumino-silicate Group, Ferromagnesian Silicates ,Quartz group	Alteration	EEL/SOP/OM-MicroS-01 Issue No. 00
86	CHEMICAL- ORES & MINERALS	Alumino-silicate Group, Ferromagnesian Silicates ,Quartz group	Cleavage	EEL/SOP/OM-MicroS-01 Issue No. 00
87	CHEMICAL- ORES & MINERALS	Alumino-silicate Group, Ferromagnesian Silicates ,Quartz group	Cleavage	EEL/SOP/OM-MS-01 Issue No. 00
88	CHEMICAL- ORES & MINERALS	Alumino-silicate Group, Ferromagnesian Silicates ,Quartz group	Extinction	EEL/SOP/OM-MicroS-01 Issue No. 00
89	CHEMICAL- ORES & MINERALS	Alumino-silicate Group, Ferromagnesian Silicates ,Quartz group	Fracture	EEL/SOP/OM-MS-01 Issue No.00
90	CHEMICAL- ORES & MINERALS	Alumino-silicate Group, Ferromagnesian Silicates ,Quartz group	Hardness	EEL/SOP/OM-MS-01 Issue No. 00
91	CHEMICAL- ORES & MINERALS	Alumino-silicate Group, Ferromagnesian Silicates ,Quartz group	Mangnetisation	EEL/SOP/OM-MS- 01 Issue No. 00
92	CHEMICAL- ORES & MINERALS	Alumino-silicate Group, Ferromagnesian Silicates ,Quartz group	Pleochroism	EEL/SOP/OM-MicroS-01 Issue No. 00
93	CHEMICAL- ORES & MINERALS	Alumino-silicate Group, Ferromagnesian Silicates ,Quartz group	Specific Gravity	EEL/SOP/OM-MS-01 Issue No. 00
94	CHEMICAL- ORES & MINERALS	Alumino-silicate Group, Ferromagnesian Silicates ,Quartz group	Twinning	EEL/SOP/OM-MicroS- 01 Issue No. 00

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95	CHEMICAL- ORES & MINERALS	Bauxite	Alumina	IS:2000(P-3)
96	CHEMICAL- ORES & MINERALS	Bauxite	Calcium Oxide	IBM
97	CHEMICAL- ORES & MINERALS	Bauxite	Ferric oxide	IS:2000(P-4)
98	CHEMICAL- ORES & MINERALS	Bauxite	LOI	IS:2000(P-1)
99	CHEMICAL- ORES & MINERALS	Bauxite	Magnesium Oxide	IBM
100	CHEMICAL- ORES & MINERALS	Bauxite	Phosphorous Pentoxide	IS: 2000(P-7)
101	CHEMICAL- ORES & MINERALS	Bauxite	Titania	IS: 2000(P5)
102	CHEMICAL- ORES & MINERALS	Bauxite	Total available Alumina	EEL/SOP/OM/Bu-01 Issue No. 00
103	CHEMICAL- ORES & MINERALS	Bauxite	Reactive silica	IBM
104	CHEMICAL- ORES & MINERALS	Bauxite	Silica	IS: 2000(P-2)
105	CHEMICAL- ORES & MINERALS	Bauxite	Bulk Density	EEL/SOP/RY-01 Issue No. 00
106	CHEMICAL- ORES & MINERALS	Bauxite	Manganese	IS:2000(P-8)
107	CHEMICAL- ORES & MINERALS	Chromite	Magnesium oxide	IS: 4737
108	CHEMICAL- ORES & MINERALS	Chromite	Calcium Oxide	IS:4737
109	CHEMICAL- ORES & MINERALS	Chromite	Chromium Oxide	IS:4737
110	CHEMICAL- ORES & MINERALS	Chromite	LOI	EEL/SOP/OM/C-1 Issue No. 00
111	CHEMICAL- ORES & MINERALS	Chromite	Silica	IS:4737
112	CHEMICAL- ORES & MINERALS	Chromite	Alumina	IS :4737
113	CHEMICAL- ORES & MINERALS	Chromite	Bulk Density	EEL/SOP/RY-01 Issue No.00

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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
114	CHEMICAL- ORES & MINERALS	Chromite	manganese	EEL/SOP/OM/C-1,Issue No.00
115	CHEMICAL- ORES & MINERALS	Chromite	Phosphorous Pentoxide	IBM
116	CHEMICAL- ORES & MINERALS	Chromite	Sulphur	IBM
117	CHEMICAL- ORES & MINERALS	Chromite	Total Iron	IS:4737
118	CHEMICAL- ORES & MINERALS	Chromium Ore	Alteration	EEL/SOP/OM-MicroS- 01,Issue No. 00
119	CHEMICAL- ORES & MINERALS	Chromium Ore	Cleavage	EEL/SOP/OM-MicroS- 01,Issue No.00
120	CHEMICAL- ORES & MINERALS	Chromium Ore	Cleavage	EEL/SOP/OM-MS- 01,Issue No.00
121	CHEMICAL- ORES & MINERALS	Chromium Ore	Colour	EEL/SOP/OM-MS- 01,Issue No. 00
122	CHEMICAL- ORES & MINERALS	Chromium Ore	Extinction	EEL/SOP/OM-MicroS- 01,Issue No.00
123	CHEMICAL- ORES & MINERALS	Chromium Ore	Fracture	EEL/SOP/OM-MS- 01,Issue No.00
124	CHEMICAL- ORES & MINERALS	Chromium Ore	Hardness	EEL/SOP/OM-MS- 01,Issue No.00
125	CHEMICAL- ORES & MINERALS	Chromium Ore	Liberation Percentage	EEL/SOP/OM-MicroS- 01 Issue No.- 00
126	CHEMICAL- ORES & MINERALS	Chromium Ore	Lusture	EEL/SOP/OM-MS- 01,Issue No.00
127	CHEMICAL- ORES & MINERALS	Chromium Ore	Magnetisation	EEL/SOP/OM-MS- 01,Issue No. 00
128	CHEMICAL- ORES & MINERALS	Chromium Ore	Pleochroism	EEL/SOP/OM-MicroS- 01,Issue No.00
129	CHEMICAL- ORES & MINERALS	Chromium Ore	Specific Gravity	EEL/SOP/OM-MS- 01,Issue No. 00
130	CHEMICAL- ORES & MINERALS	Chromium Ore	Streak	EEL/SOP/OM-MS- 01,Issue No.00
131	CHEMICAL- ORES & MINERALS	Chromium Ore	Transparency	EEL/SOP/OM-MS- 01,Issue No.00
132	CHEMICAL- ORES & MINERALS	Chromium Ore	Twinning	EEL/SOP/OM-MicroS- 01,Issue No.00

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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
133	CHEMICAL- ORES & MINERALS	Clays/ China Clay (Kaolin)	Titanium Oxide	IS:2840
134	CHEMICAL- ORES & MINERALS	Clays/ China Clay (Kaolin)	LOI	IS:68
135	CHEMICAL- ORES & MINERALS	Clays/ China Clay(Kaolin)	LOI	IS :2840
136	CHEMICAL- ORES & MINERALS	Clays/ China Clay(Kaolin)	Alumina	IS: 2840
137	CHEMICAL- ORES & MINERALS	Clays/ China Clay(Kaolin)	Sodium Oxide	IS:12107(P-9)
138	CHEMICAL- ORES & MINERALS	Clays/ China Clay(Kaolin)	Calcium Oxide	IBM
139	CHEMICAL- ORES & MINERALS	Clays/ China Clay(Kaolin)	Iron Oxide	IS:2840
140	CHEMICAL- ORES & MINERALS	Clays/ China Clay(Kaolin)	Magnesium Oxide	IBM
141	CHEMICAL- ORES & MINERALS	Clays/ China Clay(Kaolin)	Manganese Oxide	IBM
142	CHEMICAL- ORES & MINERALS	Clays/ China Clay(Kaolin)	Potassium Oxide	IS :12107(P-9)
143	CHEMICAL- ORES & MINERALS	Clays/ China Clay(Kaolin)	Silica	IBM
144	CHEMICAL- ORES & MINERALS	Clays/ China Clay(Kaolin)	Potassium Oxide	IS:11477
145	CHEMICAL- ORES & MINERALS	Clays/ China Clay(Kaolin)	Sodium Oxide	IS:11477
146	CHEMICAL- ORES & MINERALS	Clays/China Clay(Kaolin)	Bulk Density	IS1463
147	CHEMICAL- ORES & MINERALS	Copper Ore	Alteration	EEL/SOP/OM-MicroS- 01,Issue No. 00
148	CHEMICAL- ORES & MINERALS	Copper Ore	Cleavage	EEL/SOP/OM-MicroS- 01,Issue No. 00
149	CHEMICAL- ORES & MINERALS	Copper Ore	Cleavage	EEL/SOP/OM-MS- 01,Issue No. 00
150	CHEMICAL- ORES & MINERALS	Copper Ore	Colour	EEL/SOP/OM-MS- 01, Issue No.00
151	CHEMICAL- ORES & MINERALS	Copper Ore	Extinction	EEL/SOP/OM-MicroS- 01,Issue No. 00

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152	CHEMICAL- ORES & MINERALS	Copper Ore	Fracture	EEL/SOP/OM-MS- 01,Issue No. 00
153	CHEMICAL- ORES & MINERALS	Copper Ore	Hardness	EEL/SOP/OM-MS- 01,Issue No.00
154	CHEMICAL- ORES & MINERALS	Copper Ore	Liberation Percentage	EEL/SOP/OM-MicroS- 01 Issue No.- 00
155	CHEMICAL- ORES & MINERALS	Copper Ore	Lusture	EEL/SOP/OM-MS- 01,Issue No.00
156	CHEMICAL- ORES & MINERALS	Copper Ore	Magnetisation	EEL/SOP/OM-MS- 01,Issue No.00
157	CHEMICAL- ORES & MINERALS	Copper Ore	Pleochroism	EEL/SOP/OM-MicroS- 01, Issue No.00
158	CHEMICAL- ORES & MINERALS	Copper Ore	Specific Gravity	EEL/SOP/OM-MS- 01, Issue No. 00
159	CHEMICAL- ORES & MINERALS	Copper Ore	Streak	EEL/SOP/OM-MS- 01,Issue No. 00
160	CHEMICAL- ORES & MINERALS	Copper Ore	Trasparency	EEL/SOP/OM-MS- 01,Issue No. 00
161	CHEMICAL- ORES & MINERALS	Copper Ore	Twining	EEL/SOP/OM-MicroS- 01,Issue No. 00
162	CHEMICAL- ORES & MINERALS	Feldspar	Iron Oxide	IS:9749
163	CHEMICAL- ORES & MINERALS	Feldspar	LOI	IS:9749
164	CHEMICAL- ORES & MINERALS	Feldspar	Magnesium Oxide	IS: 9749
165	CHEMICAL- ORES & MINERALS	Feldspar	Sodium Oxide	IS:9749
166	CHEMICAL- ORES & MINERALS	Feldspar	Calcium Oxide	IS:9749
167	CHEMICAL- ORES & MINERALS	Feldspar	Potassium Oxide	IS:9749
168	CHEMICAL- ORES & MINERALS	Feldspar	Silica	IS:9749
169	CHEMICAL- ORES & MINERALS	Feldspar	Alumina	IS :9749
170	CHEMICAL- ORES & MINERALS	Gem & Semi precious stones	Colour	EEL/SOP/OM-AS-01 Issue No.00

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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
171	CHEMICAL- ORES & MINERALS	Gem & semi precious stones	Hardness	EEL/SOP/OM-AS-01 Issue No.00
172	CHEMICAL- ORES & MINERALS	Gem & semi precious stones	Lusture	EEL/SOP/OM-AS-01 Issue No.00
173	CHEMICAL- ORES & MINERALS	Gem & semi precious stones	Transparency	EEL/SOP/OM-MS-01 Issue No. 00
174	CHEMICAL- ORES & MINERALS	Granite, Dolerite, Basalt, Gabbro, Diorite, Pyroxenite etc	Mutual Relationship	EEL/SOP/OM-MS-01 Issue No. 00
175	CHEMICAL- ORES & MINERALS	Graphite	Ash	IS:11321
176	CHEMICAL- ORES & MINERALS	Graphite	Fixed carbon	IS:11321
177	CHEMICAL- ORES & MINERALS	Graphite	Loss on Heating	IS:495
178	CHEMICAL- ORES & MINERALS	Graphite	Moisture	IS:11321
179	CHEMICAL- ORES & MINERALS	Graphite	Ash	IS:495
180	CHEMICAL- ORES & MINERALS	Graphite	Volatile matter	IS:11321
181	CHEMICAL- ORES & MINERALS	Graphite	Alumina	IBM
182	CHEMICAL- ORES & MINERALS	Graphite	Bulk Density	EEL/SOP/RY-01 Issue No. 00
183	CHEMICAL- ORES & MINERALS	Graphite	Silica	IBM
184	CHEMICAL- ORES & MINERALS	Igneous Rock (Granite, Dolerite, Basalt, Gabbro, Diorite, Pyroxenite etc)	Crystallinity	EEL/SOP/OM-MS-01 Issue No.00
185	CHEMICAL- ORES & MINERALS	Igneous Rock (Granite, Dolerite, Basalt, Gabbro, Diorite, Pyroxenite etc)	Grain Size	EEL/SOP/OM-MS-01 Issue No. 00
186	CHEMICAL- ORES & MINERALS	Igneous Rock (Granite, Dolerite, Basalt, Gabbro, Diorite, Pyroxenite etc)	Mutual Relationship	EEL/SOP/OM-MS-01 Issue No. 00
187	CHEMICAL- ORES & MINERALS	Igneous Rock (Granite, Dolerite, Basalt, Gabbro, Diorite, Pyroxenite etc.)	Colour	EEL/SOP/OM-MS-01 Issue No. 00
188	CHEMICAL- ORES & MINERALS	Igneous Rock (Granite, Dolerite, Basalt, Gabbro, Diorite, Pyroxenite etc)	Liberation	EEL/SOP/OM-MS- 01 Issue No. 00
189	CHEMICAL- ORES & MINERALS	Igneous Rock (Granite, Dolerite, Basalt, Gabbro, Diorite, Pyroxenite etc)	Shape of Grains	EEL/SOP/OM-MS-01 Issue No. 00

SCOPE OF ACCREDITATION

Laboratory Name :	EARTH & ENVIRONMENT LABORATORY, S-27, CHANDRALOK MARKET COMPLEX, NILADRIVIHAR, CHANDRASEKHARPUR, BHUBANESWAR, KHORDHA, ODISHA, INDIA		
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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
190	CHEMICAL- ORES & MINERALS	Igneous Rock (Granite, Dolerite, Basalt, Gabbro, Diorite, Pyroxenite etc)	Texture	EEL/SOP/OM-MS-01 Issue No. 00
191	CHEMICAL- ORES & MINERALS	Igneous Rock (Granite, Dolerite, Basalt, Gabbro, Diorite, Pyroxenite etc.)	Granularity	EEL/SOP/OM-MS-01 Issue No. 00
192	CHEMICAL- ORES & MINERALS	Iron	Alteration	EEL/SOP/OM-MicroS- 01,Issue No. 00
193	CHEMICAL- ORES & MINERALS	Iron	Cleavage	EEL/SOP/OM-MicroS- 01,Issue No. 00
194	CHEMICAL- ORES & MINERALS	Iron	Cleavage	EEL/SOP/OM-MS- 01,Issue No.00
195	CHEMICAL- ORES & MINERALS	Iron	Colour	EEL/SOP/OM-MS- 01,Issue No.00
196	CHEMICAL- ORES & MINERALS	Iron	Fracture	EEL/SOP/OM-MS- 01,Issue No.00
197	CHEMICAL- ORES & MINERALS	Iron	Hardness	EEL/SOP/OM-MS- 01,Issue No. 00
198	CHEMICAL- ORES & MINERALS	Iron	Lusture	EEL/SOP/OM-MS- 01,Issue No.00
199	CHEMICAL- ORES & MINERALS	Iron	Magnetisation	EEL/SOP/OM-MS- 01,Issue No. 00
200	CHEMICAL- ORES & MINERALS	Iron	Pleochroism	EEL/SOP/OM-MicroS- 01,Issue No.00
201	CHEMICAL- ORES & MINERALS	Iron	Specific Gravity	EEL/SOP/OM-MS- 01,Issue No. 00
202	CHEMICAL- ORES & MINERALS	Iron	Streak	EEL/SOP/OM-MS- 01,Issue No. 00
203	CHEMICAL- ORES & MINERALS	Iron	Transparency	EEL/SOP/OM-MS- 01,Issue No.00
204	CHEMICAL- ORES & MINERALS	Iron	Twinning	EEL/SOP/OM-MicroS- 01,Issue No.00
205	CHEMICAL- ORES & MINERALS	Iron Ore	Liberation Percentage	EEL/SOP/OM-MicroS- 01 Issue No.- 00
206	CHEMICAL- ORES & MINERALS	Iron ores	Moisture	IS:1493(P-1)
207	CHEMICAL- ORES & MINERALS	Iron ores	Phosphorous	IS :1493(P-1)
208	CHEMICAL- ORES & MINERALS	Iron ores	Alumina	IS:1493(P-1)

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Laboratory Name :	EARTH & ENVIRONMENT LABORATORY, S-27, CHANDRALOK MARKET COMPLEX, NILADRIVIHAR, CHANDRASEKHARPUR, BHUBANESWAR, KHORDHA, ODISHA, INDIA		
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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
209	CHEMICAL- ORES & MINERALS	Iron ores	Calcium oxide	IS:4193(P-3)
210	CHEMICAL- ORES & MINERALS	Iron ores	Chromium	IS :1493(P-3)
211	CHEMICAL- ORES & MINERALS	Iron ores	Copper Oxide	IS:1493(P-5)
212	CHEMICAL- ORES & MINERALS	Iron ores	Lead	IS :1493(P-7)
213	CHEMICAL- ORES & MINERALS	Iron ores	LOI	IBM
214	CHEMICAL- ORES & MINERALS	Iron ores	Potassium oxide	IS :1493(P-6)
215	CHEMICAL- ORES & MINERALS	Iron ores	Sodium Oxide	IS:1493(P-6)
216	CHEMICAL- ORES & MINERALS	Iron ores	Titania	IS:1493(P-3)
217	CHEMICAL- ORES & MINERALS	Iron ores	Zinc	IS:1493(P-7)
218	CHEMICAL- ORES & MINERALS	Iron ores	Magnesium Oxide	IS:1493(P-3)
219	CHEMICAL- ORES & MINERALS	Iron ores	Manganese	IS:1493-1959
220	CHEMICAL- ORES & MINERALS	Iron ores	Sulphur	IS:1493(P-1)
221	CHEMICAL- ORES & MINERALS	Iron ores	Vanadium	IS:1493(P-3)
222	CHEMICAL- ORES & MINERALS	Iron ores	Arsenic	IS:1493(P-8)
223	CHEMICAL- ORES & MINERALS	Iron ores	Bulk Density	EEL/SOP/RY-01 Issue No.00
224	CHEMICAL- ORES & MINERALS	Iron ores	Silica	IS:1493(P-1)
225	CHEMICAL- ORES & MINERALS	Iron ores	Total iron	IS:1493(P-1)
226	CHEMICAL- ORES & MINERALS	Lead Ore	Alteration	EEL/SOP/OM-MicroS- 01,Issue No.00
227	CHEMICAL- ORES & MINERALS	Lead Ore	Cleavage	EEL/SOP/OM-MicroS- 01,Issue No. 00

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Laboratory Name : EARTH & ENVIRONMENT LABORATORY, S-27, CHANDRALOK MARKET COMPLEX, NILADRIVIHAR, CHANDRASEKHARPUR, BHUBANESWAR, KHORDHA, ODISHA, INDIA

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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
228	CHEMICAL- ORES & MINERALS	Lead Ore	Cleavage	EEL/SOP/OM-MS- 01,Issue No.00
229	CHEMICAL- ORES & MINERALS	Lead Ore	Colour	EEL/SOP/OM-MS- 01,Issue No. 00
230	CHEMICAL- ORES & MINERALS	Lead Ore	Extinction	EEL/SOP/OM-MicroS- 01,Issue No. 00
231	CHEMICAL- ORES & MINERALS	Lead Ore	Fracture	EEL/SOP/OM-MS- 01,Issue No.00
232	CHEMICAL- ORES & MINERALS	Lead Ore	Hardness	EEL/SOP/OM-MS- 01,Issue No.00
233	CHEMICAL- ORES & MINERALS	Lead Ore	Liberation Percenatge	EEL/SOP/OM-MicroS- 01 issue no.- 00
234	CHEMICAL- ORES & MINERALS	Lead Ore	Luster	EEL/SOP/OM-MS- 01,Issue No.00
235	CHEMICAL- ORES & MINERALS	Lead Ore	Magnetisation	EEL/SOP/OM-MS- 01,Issue No.00
236	CHEMICAL- ORES & MINERALS	Lead Ore	Pleochroism	EEL/SOP/OM-MicroS- 01,Issue No.00
237	CHEMICAL- ORES & MINERALS	Lead Ore	Specific Gravity	EEL/SOP/OM-MS- 01,Issue No.00
238	CHEMICAL- ORES & MINERALS	Lead Ore	Streak	EEL/SOP/OM-MS- 01, Issue No.00
239	CHEMICAL- ORES & MINERALS	Lead Ore	Transparency	EEL/SOP/OM-MS- 01,Issue No.00
240	CHEMICAL- ORES & MINERALS	Lead Ore	Twinning	EEL/SOP/OM-MicroS- 01,Issue No.00
241	CHEMICAL- ORES & MINERALS	Limestone & dolomite	Chlorides	IS:1760(P-5)
242	CHEMICAL- ORES & MINERALS	Limestone & dolomite	Silica	IS:1760(P-2)
243	CHEMICAL- ORES & MINERALS	Limestone & dolomite	Calcium Oxide	IS:1760(P-3)
244	CHEMICAL- ORES & MINERALS	Limestone & dolomite	LOI	IS:1760(P-1)
245	CHEMICAL- ORES & MINERALS	Limestone & dolomite	Magnesium Oxide	IS:1760(P-3)
246	CHEMICAL- ORES & MINERALS	Limestone & dolomite	Phosphorous	ASTM C-25

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Laboratory Name : EARTH & ENVIRONMENT LABORATORY, S-27, CHANDRALOK MARKET COMPLEX, NILADRIVIHAR, CHANDRASEKHARPUR, BHUBANESWAR, KHORDHA, ODISHA, INDIA

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247	CHEMICAL- ORES & MINERALS	Limestone & dolomite	Alumina	IS:1760(P-3)
248	CHEMICAL- ORES & MINERALS	Limestone & dolomite	Free Silica	IS:1760(P-6)
249	CHEMICAL- ORES & MINERALS	Limestone & dolomite	Iron Oxide	ASTM C-25
250	CHEMICAL- ORES & MINERALS	Limestone & dolomite	Manganese	ASTM C-25
251	CHEMICAL- ORES & MINERALS	Limestone & dolomite	Potassium Oxide	EEL/SOP/OM/L-01 Issue No.00
252	CHEMICAL- ORES & MINERALS	Limestone & dolomite	Sodium Oxide	EEL/SOP/OM/L-01,Issue No.00
253	CHEMICAL- ORES & MINERALS	Limestone & dolomite	Strontium	ASTM C-25
254	CHEMICAL- ORES & MINERALS	Limestone & dolomite	Sulphur Trioxide	ASTM C-25
255	CHEMICAL- ORES & MINERALS	Limestone & dolomite	Titania	EEL/SOP/OM/L-02,Issue No.00
256	CHEMICAL- ORES & MINERALS	Limestone & dolomite	Bulk Density	EEL/SOP/RY-01 Issue No.00
257	CHEMICAL- ORES & MINERALS	Limestone/Dolomite, Bauxite, Chromite, Iron ore, Manganese Ore, Quartz, Graphite, Clays/China, Clay(Kaolin), Alumino silicates minerals	Recovery Percentage AT SITE (MINES)	EEL/SOP/RY-01,Section No.03, Issue No. 00
258	CHEMICAL- ORES & MINERALS	Limestone/Dolomite, Bauxite,Chromite, Iron Ore, Manganese Ore, Quartz, Graphite, Clays/China clay(Kaolin), Alumino Silicate Minerals	Recovery Percentage (AT LAB)	EEL/SOP/RY-01,Section No.04, Issue No.00
259	CHEMICAL- ORES & MINERALS	Manganese	Alteration	EEL/SOP/OM-MicroS- 01,Issue No.00
260	CHEMICAL- ORES & MINERALS	Manganese	Cleavage	EEL/SOP/OM-MicroS- 01,Issue No. 00
261	CHEMICAL- ORES & MINERALS	Manganese	Colour	EEL/SOP/OM-MS- 01,Issue No.00
262	CHEMICAL- ORES & MINERALS	Manganese	Extinction	EEL/SOP/OM-MicroS- 01,Issue No.00
263	CHEMICAL- ORES & MINERALS	Manganese	Fracture	EEL/SOP/OM-MS- 01,Issue No.00
264	CHEMICAL- ORES & MINERALS	Manganese	Hardness	EEL/SOP/OM-MS- 01,Issue No.00

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Laboratory Name : EARTH & ENVIRONMENT LABORATORY, S-27, CHANDRALOK MARKET COMPLEX, NILADRIVIHAR, CHANDRASEKHARPUR, BHUBANESWAR, KHORDHA, ODISHA, INDIA

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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
265	CHEMICAL- ORES & MINERALS	Manganese	Lusture	EEL/SOP/OM-MS- 01,Issue No.00
266	CHEMICAL- ORES & MINERALS	Manganese	Magetisation	EEL/SOP/OM-MS- 01,Issue No.00
267	CHEMICAL- ORES & MINERALS	Manganese	Pleochroism	EEL/SOP/OM-MicroS- 01,Issue No.00
268	CHEMICAL- ORES & MINERALS	Manganese	Specific Gravity	EEL/SOP/OM-MS- 01,Issue No.00
269	CHEMICAL- ORES & MINERALS	Manganese	Streak	EEL/SOP/OM-MS- 01,Issue No.00
270	CHEMICAL- ORES & MINERALS	Manganese	Transparency	EEL/SOP/OM-MS- 01,Issue No.00
271	CHEMICAL- ORES & MINERALS	Manganese	Twinning	EEL/SOP/OM-MicroS- 01,Issue No.00
272	CHEMICAL- ORES & MINERALS	Manganese Ore	Bulk Density	EEL/SOP/RY-01 Issue No.00
273	CHEMICAL- ORES & MINERALS	Manganese Ore	Liberation Percentage	EEL/SOP/OM-MicroS- 01 Issue No.- 00
274	CHEMICAL- ORES & MINERALS	Manganese ores	Iron	IS:1473
275	CHEMICAL- ORES & MINERALS	Manganese ores	Magnesium Oxide	IBM
276	CHEMICAL- ORES & MINERALS	Manganese ores	Phosphorous	IS:1473
277	CHEMICAL- ORES & MINERALS	Manganese ores	Alumina	IS:1473
278	CHEMICAL- ORES & MINERALS	Manganese ores	LOI	IBM
279	CHEMICAL- ORES & MINERALS	Manganese ores	Manganese	IS:1473
280	CHEMICAL- ORES & MINERALS	Manganese ores	Silica	IS :1473
281	CHEMICAL- ORES & MINERALS	Manganese ores	Sulphur	IS:1473
282	CHEMICAL- ORES & MINERALS	Manganese ores	Calcium Oxide	IBM
283	CHEMICAL- ORES & MINERALS	Manganese ores	Titania	IS :1473

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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
284	CHEMICAL- ORES & MINERALS	Manganese ores	Potassium	IS:9497
285	CHEMICAL- ORES & MINERALS	Manganese ores	Sodium	IS:9497
286	CHEMICAL- ORES & MINERALS	Metamorphic Rock (Marble, Quartzite, Khondalite, Charnockite, slate, etc)	Structure	EEL/SOP/OM-MS-01 Issue No. 00
287	CHEMICAL- ORES & MINERALS	Metamorphic Rock (Marble, Quartzite, Khondalite, Charnockite, slate, etc.)	Grain Size	EEL/SOP/OM-MS-01 Issue No. 00
288	CHEMICAL- ORES & MINERALS	Metamorphic Rock (Marble, Quartzite, Khondalite, Charnockite, slate, etc.)	Liberation	EEL/SOP/OM-MS-01 Issue No. 00
289	CHEMICAL- ORES & MINERALS	Metamorphic Rock (Marble, Quartzite, Khondalite, Charnockite, slate, etc.)	Mutual Relationship	EEL/SOP/OM-MS-01 Issue No. 00
290	CHEMICAL- ORES & MINERALS	Metamorphic Rock (Marble, Quartzite, Khondalite, Charnockite, slate, etc.)	Shape of Grains	EEL/SOP/OM-Ms- 01 Issue No. 00
291	CHEMICAL- ORES & MINERALS	Metamorphic Rock (Marble, Quartzite, Khondalite, Charnockite, slate, etc.)	Texture	EEL/SOP/OM-MS-01 Issue No. 00
292	CHEMICAL- ORES & MINERALS	Metamorphic Rock(Marble, Quartzite, Khondalite, Charnockite, slate, etc.)	Colour	EEL/SOP/OM-MS-01 Issue No. 00
293	CHEMICAL- ORES & MINERALS	Nickel Ore	Liberation Percentage	EEL/SOP/OM-MicroS- 01 Issue No.00
294	CHEMICAL- ORES & MINERALS	Nickle Ore	Alteration	EEL/SOP/OM-MicroS- 01, Issue No. 00
295	CHEMICAL- ORES & MINERALS	Nickle Ore	Cleavage	EEL/SOP/OM-MicroS- 01,Issue No.00
296	CHEMICAL- ORES & MINERALS	Nickle Ore	Cleavage	EEL/SOP/OM-MS- 01,Issue No.00
297	CHEMICAL- ORES & MINERALS	Nickle Ore	Colour	EEL/SOP/OM-MS- 01,Issue No.00
298	CHEMICAL- ORES & MINERALS	Nickle Ore	Extinction	EEL/SOP/OM-MicroS- 01,Issue No.00
299	CHEMICAL- ORES & MINERALS	Nickle Ore	Fracture	EEL/SOP/OM-MS- 01,Issue No.00
300	CHEMICAL- ORES & MINERALS	Nickle Ore	Hardness	EEL/SOP/OM-MS- 01,Issue No.00
301	CHEMICAL- ORES & MINERALS	Nickle Ore	Lusture	EEL/SOP/OM-MS- 01,Issue No.00
302	CHEMICAL- ORES & MINERALS	Nickle Ore	Magnestisation	EEL/SOP/OM-MS- 01,Issue No.00

SCOPE OF ACCREDITATION

Laboratory Name : EARTH & ENVIRONMENT LABORATORY, S-27, CHANDRALOK MARKET COMPLEX, NILADRIVIHAR, CHANDRASEKHARPUR, BHUBANESWAR, KHORDHA, ODISHA, INDIA

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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
303	CHEMICAL- ORES & MINERALS	Nickle Ore	Pleochroism	EEL/SOP/OM-MicroS- 01,Issue No.00
304	CHEMICAL- ORES & MINERALS	Nickle Ore	Specific Gravity	EEL/SOP/OM-MS- 01,Issue No.00
305	CHEMICAL- ORES & MINERALS	Nickle Ore	Streak	EEL/SOP/OM-MS- 01,Issue No.00
306	CHEMICAL- ORES & MINERALS	Nickle Ore	Trasparency	EEL/SOP/OM-MS- 01,Issue No.00
307	CHEMICAL- ORES & MINERALS	Nickle Ore	Twinning	EEL/SOP/OM-MicroS- 01,Issue No.00
308	CHEMICAL- ORES & MINERALS	Pyroxenite ore	Alumina	IS:4737
309	CHEMICAL- ORES & MINERALS	Pyroxenite ore	Bulk density	EEL/SOP/RY-01,Issue No.00
310	CHEMICAL- ORES & MINERALS	Pyroxenite ore	Calcium oxide	IS:4737
311	CHEMICAL- ORES & MINERALS	Pyroxenite ore	Chromium oxide	IS:4737
312	CHEMICAL- ORES & MINERALS	Pyroxenite ore	LOI	EEL/SOP/OMC/C-1,Issue No.00
313	CHEMICAL- ORES & MINERALS	Pyroxenite ore	Moisture	IS:4737
314	CHEMICAL- ORES & MINERALS	Pyroxenite ore	Silica	IS:4737
315	CHEMICAL- ORES & MINERALS	Pyroxenite ore	Total Iron	IS:4737
316	CHEMICAL- ORES & MINERALS	Quartz	Alumina	IS :1917(P-4)
317	CHEMICAL- ORES & MINERALS	Quartz	Iron	IS:1917(P-5)
318	CHEMICAL- ORES & MINERALS	Quartz	Sodium	IS:1917(P-2)
319	CHEMICAL- ORES & MINERALS	Quartz	LOI	IS:1917(P-1)
320	CHEMICAL- ORES & MINERALS	Quartz	Calcium	IS :1917(P-6)
321	CHEMICAL- ORES & MINERALS	Quartz	Magnesium	IS :1917(P-6)

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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
322	CHEMICAL- ORES & MINERALS	Quartz	Potassium	IS:1917(P-2)
323	CHEMICAL- ORES & MINERALS	Quartz	Silica	IS :1917(P-1)
324	CHEMICAL- ORES & MINERALS	Quartz	Titania	IS :1917(P-7)
325	CHEMICAL- ORES & MINERALS	Quartz	Alteration	EEL/SOP/OM-MicroS- 01,Issue No.00
326	CHEMICAL- ORES & MINERALS	Quartz	Cleavage	EEL/SOP/OM-MicroS- 01,Issue No. 00
327	CHEMICAL- ORES & MINERALS	Quartz	Cleavage	EEL/SOP/OM-MS- 01,Issue No.00
328	CHEMICAL- ORES & MINERALS	Quartz	Colour	EEL/SOP/OM-MS- 01,Issue No.00
329	CHEMICAL- ORES & MINERALS	Quartz	Extinction	EEL/SOP/OM-MS- 01,Issue No.00
330	CHEMICAL- ORES & MINERALS	Quartz	Fracture	EEL/SOP/OM-MS- 01, Issue No. 00
331	CHEMICAL- ORES & MINERALS	Quartz	Habit	EEL/SOP/OM-MS- 01,Issue No.00
332	CHEMICAL- ORES & MINERALS	Quartz	Hardness	EEL/SOP/OM-MS- 01,Issue No.00
333	CHEMICAL- ORES & MINERALS	Quartz	Lustre	EEL/SOP/OM-MS- 01,Issue No.00
334	CHEMICAL- ORES & MINERALS	Quartz	Magnetisation	EEL/SOP/OM-MS- 01,Issue No.00
335	CHEMICAL- ORES & MINERALS	Quartz	Pleochroism	EEL/SOP/OM-MicroS- 01,Issue No. 00
336	CHEMICAL- ORES & MINERALS	Quartz	Specific Gravity	EEL/SOP/OM-MS- 01,Issue No.00
337	CHEMICAL- ORES & MINERALS	Quartz	Streak	EEL/SOP/OM-MS- 01,Issue No.00
338	CHEMICAL- ORES & MINERALS	Quartz	Transparency	EEL/SOP/OM-MS- 01,Issue No. 00
339	CHEMICAL- ORES & MINERALS	Quatrz	Bulk Density	EEL/SOP/RY-01 Issue No.00
340	CHEMICAL- ORES & MINERALS	Quatrz	Twinning	EEL/SOP/OM-MicroS- 01,Issue No. 00

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341	CHEMICAL- ORES & MINERALS	Sedimentary Rock (Sandstone, Shale, Limestone, Dolomite, Conglomerate, Breccias, Chert etc)	Texture	EEL/SOP/OM-MS-01 Issue No. 00
342	CHEMICAL- ORES & MINERALS	Sedimentary Rock (Sandstone, Shale, Limestone, Dolomite, Conglomerate, Breccias, Chert etc)	Grain Composition	EEL/SOP/OM-MS-01 Issue No. 00
343	CHEMICAL- ORES & MINERALS	Sedimentary Rock (Sandstone, Shale, Limestone, Dolomite, Conglomerate, Breccias, Chert etc)	Grain Type	EEL/SOP/OM-MS-01 Issue No. 00
344	CHEMICAL- ORES & MINERALS	Sedimentary Rock (Sandstone, Shale, Limestone, Dolomite, Conglomerate, Breccias, Chert etc)	Matrix	EEL/SOP/OM-MS-01 Issue No.00
345	CHEMICAL- ORES & MINERALS	Sedimentary Rock (Sandstone, Shale, Limestone, Dolomite, Conglomerate, Breccias, Chert etc.)	Colour	EEL/SOP/OM-MS-01 Issue No. 00
346	CHEMICAL- ORES & MINERALS	Zinc Ore	Alteration	EEL/SOP/OM-MS- 01,Issue No.00
347	CHEMICAL- ORES & MINERALS	Zinc Ore	Cleavage	EEL/SOP/OM-MS- 01,Issue No.00
348	CHEMICAL- ORES & MINERALS	Zinc Ore	Colour	EEL/SOP/OM-MS- 01,Issue No.00
349	CHEMICAL- ORES & MINERALS	Zinc Ore	Extinction	EEL/SOP/OM-MS- 01,Issue No.00
350	CHEMICAL- ORES & MINERALS	Zinc Ore	Fracture	EEL/SOP/OM-MS- 01,Issue No.00
351	CHEMICAL- ORES & MINERALS	Zinc Ore	Hadness	EEL/SOP/OM-MS- 01,Issue No.00
352	CHEMICAL- ORES & MINERALS	Zinc Ore	Hardness	EEL/SOP/OM-MS- 01,Issue No.00
353	CHEMICAL- ORES & MINERALS	Zinc Ore	Liberation Percentage	EEL/SOP/OM-MicroS- 01 Issue No.- 00
354	CHEMICAL- ORES & MINERALS	Zinc Ore	Lusture	EEL/SOP/OM-MS- 01,Issue No.00
355	CHEMICAL- ORES & MINERALS	Zinc Ore	Magnetisation	EEL/SOP/OM-MS- 01,Issue No.00
356	CHEMICAL- ORES & MINERALS	Zinc Ore	Pleochroism	EEL/SOP/OM-MS- 01,Issue No.00
357	CHEMICAL- ORES & MINERALS	Zinc Ore	Specific Gravity	EEL/SOP/OM-MS- 01,Issue No.00
358	CHEMICAL- ORES & MINERALS	Zinc Ore	Streak	EEL/SOP/OM-MS- 01,Issue No.00
359	CHEMICAL- ORES & MINERALS	Zinc Ore	Transparency	EEL/SOP/OM-MS-01,Issue No.00

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360	CHEMICAL- ORES & MINERALS	Zinc Ore	Twinning	EEL/SOP/OM-MS- 01,Issue No.00
361	CHEMICAL- POLLUTION & ENVIRONMENT	Hardous / Solid Waste / MSW	Sodium	EPA 7000B
362	CHEMICAL- POLLUTION & ENVIRONMENT	Hardous / solid Waste/ MSW E	Copper	EPA 7000B
363	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous / solid waste/ MSW	Total Sulphur	ASTM E- 775
364	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous/ Solid Waste/ MSW	Chloride	ASTM E-776
365	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous/ solid waste/ MSW	Moisture	IS :9235
366	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous/ Solid Waste/ MSW	Phosphorous	IS:10158
367	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous/ Solid Waste/ MSW	Potassium	IS:10158, EPA 3050B
368	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous/ Solid Waste/ MSW	Electrical Conductivity	IS:14767
369	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous/ Solid Waste/ MSW	Non Volatile Substances	IS:10158
370	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous/ Solid Waste/ MSW	Total Nitrogen	IS:10158
371	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous/ Solid Waste/ MSW	Volatile Substances	IS :10158
372	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous/ Solid Waste/MSW	pH	IS:10158
373	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous/Solid Waste/ MSW	Kjeldahl Nitrogen	IS:10158
374	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Iron as Fe	APHA 23rd Ed. 3111C, AAS method
375	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Non carbonate hardness	IS : 3025 (P- 21)
376	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Residual Chlorine	Iodometric Method, APHA 23rd Ed.2017,4500B, IS : 3025 (P-26) : 2019
377	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Solid	IS : 3025 (P-15)

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378	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	IS : 3025 (P-38)
379	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Electrical Conductivity	APHA 23rd Ed. 2510B, Electrode Method
380	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Hexavalent Chromium	APHA 23rd Ed. 3500,3-70,3-75, Spectrophotometric Method
381	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium as Mg	IS 3025(P -46)
382	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrate	APHA 23rd Ed.4500,4-126-127, Spectrophotometric Method
383	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	odour	IS : 3025 (Pt-5)
384	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & grease	IS: 3025(P -39)
385	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate as SO4	IS : 3025 (P-24)
386	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphide as S	IS : 3025 (P- 29)
387	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Temperature	APHA 23rd Ed. 2550, Thermometric Method
388	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids	IS : 3025 (P- 16)
389	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Volatile Solid	IS : 3025 (P- 18)
390	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Turbidity	IS : 3025 (P- 10)
391	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonical Nitrogen as NH3-N	IS : 3025 (P-34)
392	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Bio- assay	IS : 6582
393	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Biological Oxygen Demand @ 27 degree C for 3 days	Incubation Method, APHA 23rd Ed.2017, 5210B IS: 3025 (P-44):2019
394	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium Hardness as CaCO3	Titration Method, APHA 23rd Ed., 3500B
395	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Carbonate Hardness	IS : 3025 (P-21)

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396	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	Open Reflux Method, APHA23rd Ed., 5220B,5-18,5-19
397	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride as Cl	IS : 3025 (P- 32)
398	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium Hardness as CaCO3	Calculation Method, APHA 23rd Ed.: 2017, 3500A, 3-86
399	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrite	Spectrophotometric Method, APHA 23rd Ed., 4500,4-124-125
400	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	IS : 3025 (P-11)
401	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phenol	IS : 3025 (P-43)
402	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Alkalinity as CaCO3	IS : 3025 (P-23)
403	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Hardness as CaCO3	IS : 3025 (P- 21)
404	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Kjeldahl Nitrogen as N	Distillation Method, APHA 23rd Ed., 4500-A, 4-138
405	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total suspended Solid	Gravimetric Method, APHA 23rd Ed., 2540 D
406	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium	Titration Method, APHA 23rd Ed.2017, 3500-B IS:3025(P-40): 2019
407	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphorous	Colorimetric Method, APHA 23rd.Ed, 4500P
408	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Silica	IS:3025(P-35)
409	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Chromium	Spectrophotometric Method, APHA 23rd Ed., 3500,3-70,3-75
410	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS:2720 (P-22)
411	CHEMICAL- SOIL AND ROCK	Soil	Soluble Sulphates	IS: 2720 (P- 27)
412	CHEMICAL- SOIL AND ROCK	Soil	Density	ASTM D 7263
413	CHEMICAL- SOIL AND ROCK	Soil	pH	IS: 2720 (P- 26)

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414	CHEMICAL- SOIL AND ROCK	Soil	Cation Exchange Capacity	IS: 2720 (P -24)
415	CHEMICAL- SOIL AND ROCK	Soil	Conductivity	IS:14767
416	CHEMICAL- SOIL AND ROCK	Soil	Moisture	IS : 2720 (P- 18)
417	CHEMICAL- SOIL AND ROCK	Soil	Water Content	IS: 2720 (P- 2)
418	CHEMICAL- SOLID FUELS	Coal	Total Moisture	IS :1350(P-1)
419	CHEMICAL- SOLID FUELS	Coal	Sulphur	IS: 1350(P-3)
420	CHEMICAL- SOLID FUELS	coal	Ash content	IS:1350(P-1)
421	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	IS:1350(P-1)
422	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	IS:1350(P-1)
423	CHEMICAL- SOLID FUELS	Coke	Sulphur	IS :1350(P-3)
424	CHEMICAL- SOLID FUELS	Coke	Total Moisture	IS :1350(P-1)
425	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Lead as Pb	AAS Method, APHA 23rd Ed., 3111B
426	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Magnesium as Mg	IS : 3025 (P-46)
427	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Oil & Grease	IS :3025 (P-39)
428	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Phenol	IS :3025 (P-43)
429	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Sulphate as SO4	IS: 3025 (P- 24)
430	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Biological Oxygen Demand @ 27 degree C for 3 days	IS : 3025 (P-44)
431	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Carbonate Hardness	IS: 3025 (P- 21)
432	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Chemical Oxygen Demand	Open Reflux Method, APHA 23rd Ed., 5220B, 5-18, 5-19
433	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Chloride as Cl	IS: 3025 (P- 32)
434	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Copper as Cu	AAS Method, APHA 23rd Ed., 3111B

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435	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Cyanide	Electrode Method, APHA 23rd Ed.2017, 4500,4-48 IS :3025 (P-27)
436	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Hexavalent Chromium	Spectrophotometric Method, APHA 23rd Ed., 3500,3-70,3-75
437	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Iron As Fe	AAS Method, APHA 23rd Ed., 3111C
438	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Nitrate	Spectrophotometric Method, APHA 23rd Ed., 4500,4-126-127
439	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Nitrite	Spectrophotometric Method, APHA 23rd Ed., 4500,4-124-125
440	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Non Carbonate Hardness	IS : 3025 (P-21)
441	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Odour	IS :3025 (P-5)
442	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Phosphorous As P	Colorimetric Method, APHA 23rd Ed., 4500-P
443	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Sulphide as S	IS :3025 (P-29)
444	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Total Chromium	Spectrophotometric Method, APHA 23rd Ed., 3500,3-65,3-70
445	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Total Kjeldahl Nitrogen as N	Distillation Method, APHA 23rd Ed., 4500-A,4-138
446	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Total Solid	IS: 3025 (P- 15)
447	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Total Volatile Solid	IS:3025 (P- 18)
448	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Aluminium as Al	AAS Method, APHA 23rd Ed., 3111D
449	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Ammonical Nitrogen as NH3-N	IS: 3025 (Pt-34)
450	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Arsenic as As	IS :3025 (P-37)
451	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Bio- assay	IS: 6582 -1971
452	CHEMICAL- WATER	Raw Water (Ground Water & Surface Water, Irrigation Water)	Salinity	APHA 23rd Ed., 2520 A, 2-59

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453	CHEMICAL- WATER	Raw Water, (Ground Water & Surface Water, Irrigation Water)	pH	IS : 3025 (P- 11)
454	CHEMICAL- WATER	Raw Water, (Ground Water & Surface Water, Irrigation Water)	Temperature	Thermometric Method, APHA 23rd Ed., 2550
455	CHEMICAL- WATER	Raw Water, (Ground Water & Surface Water, Irrigation Water)	Calcium Hardness as CaCO3	Titration Method, APHA 23rd Ed., 3500B
456	CHEMICAL- WATER	Raw Water, (Ground Water & Surface Water, Irrigation Water)	Dissolved Oxygen	IS : 3025 (P- 38)
457	CHEMICAL- WATER	Raw Water, (Ground Water & Surface Water, Irrigation Water)	Electrical Conductivity	Electrode Method, APHA 23rd Ed., 2510B
458	CHEMICAL- WATER	Raw Water, (Ground Water & Surface Water, Irrigation Water)	Magnesium Hardness as CaCO3	Calculation Method, APHA 23rd Ed., 3500-A,3-86
459	CHEMICAL- WATER	Raw Water, (Ground Water & Surface Water, Irrigation Water)	Total Alkalinity as CaCO3	IS : 3025 (P- 23)
460	CHEMICAL- WATER	Raw Water, (Ground Water & Surface Water, Irrigation Water)	Total Dissilved Solids	IS : 3025 (P- 16)
461	CHEMICAL- WATER	Raw Water, (Ground Water & Surface Water, Irrigation Water)	Total Hardness as CaCO3	IS : 3025 (P-21)
462	CHEMICAL- WATER	Raw Water, (Ground Water & Surface Water, Irrigation Water)	Total Residual Chlorine	Iodometric Method, APHA 23rd Ed. 2017,4500B IS : 3025 (P-26)
463	CHEMICAL- WATER	Raw Water, (Ground Water & Surface Water, Irrigation Water)	Total Suspended Solids	Gravimetric Method, APHA 23rd Ed., 2540 D
464	CHEMICAL- WATER	Raw Water, (Ground Water & Surface Water, Irrigation Water)	Turbidity	IS:3025 (P-10):1984
465	CHEMICAL- WATER	Water (Portable & Domestic, Drinking Purpose, Packaged Drinking Water)	Sulphate as SO4	IS: 3025 (P-24)
466	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Turbidity	IS:3025(P-10)
467	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Odour	IS :3025 (P- 5)
468	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	pH	IS :3025(P-11)
469	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Phosphorous as P	Colorimetric Method, APHA 23rd Ed. 2017, 4500P
470	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Total Chromium	Spectrophotometric Method, APHA 23rd Ed., 3500,3-65,3-70

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471	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Aluminum as Al	AAS Method, APHA 23rd Ed., 3111D
472	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Ammonia	Titration Method, APHA 23rd Ed., 4500,4-115,4-116.
473	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Ammonical Nitrogen As NH3-N	IS :3025 (P-34)
474	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Arsenic as As	IS: 3025 (P-37)
475	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Calcium as Ca	Titration Method, APHA 23rd Ed.2017, 3500-B IS: 3025 (P-40)
476	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Chloride as Cl	IS: 3025 (P- 32)
477	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Colour	IS :3025 (P-4)
478	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Copper as Cu	AAS Method, APHA 23rd Ed., 3111B
479	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Electrical Conductivity	Electrode Method, APHA 23rd Ed., 2510B
480	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Fluoride	IS :3025 (P-60)
481	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Hexavalent Chromium	Spectrophotometric Method, APHA 23rd Ed., 3500,3-70,3-75
482	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Iron as Fe	AAS Method, APHA 23rd Ed., 3111C
483	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Lead as Pb	AAS Method, APHA 23rd Ed., 3111B.
484	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Magnesium as Mg	IS: 3025(P- 46)
485	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Nitrate	Spectrophotometric Method APHA 23rd Ed., 4500,4-126-127
486	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Nitrite	Spectrophotometric Method, APHA 23rd Ed., 4500,4,124-125
487	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Sulphide as S	IS: 3025 (P- 29)
488	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Total alkalinity as CaCO3	IS:3025(P-23)

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489	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Total Dissolved Solids	IS:3025(P-16)
490	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Total Hardness as CaCO3	IS:3025(P-21)
491	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Total Residual Chlorine	Iodometric Method, APHA 23rd Ed.2017, 4500-B IS :3025(P-26)
492	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Total Suspended Solids	Gravimetric Method, APHA 23rd Ed., 2540-D
493	CHEMICAL- WATER	Water (Portable & Domestic, Drinking purpose, Packaged Drinking water)	Salinity	APHA 23rd Ed., 2520A, 2-59
494	CHEMICAL- WATER	Water (Potable & Domestic, Drinking Purpose, Packaged Drinking Water)	Taste	Threshold Method, APHA 23rd Ed., 2160,2-22,2-23.
495	CHEMICAL- WATER	Water (Potable & Domestic, Drinking Purpose, Packaged Drinking Water)	Manganese	Colorimetric Method, APHA 23rd Ed., 3500, 3-87 IS: 3025(P- 59):
496	CHEMICAL- WATER	Water (Potable & Domestic, Drinking Purpose, Packaged Drinking Water)	Sodium	IS :3025 (P- 45)
497	CHEMICAL- WATER	Water (Potable & Domestic, Drinking Purpose, Packaged Drinking Water) IS 3025 (Pt. 45): 2019	Potassium	IS :3025 (P- 45)
498	CHEMICAL- WATER	Water (Potable & Domestic, Drinking Purpose, Packaged Drinking Water)	Bio-assay	IS 6582
499	CHEMICAL- WATER	Water (Potable & Domestic, Drinking Purpose, Packaged Drinking Water)	Boron	IS :3025 (P- 57)
500	CHEMICAL- WATER	Water (Potable & Domestic, Drinking Purpose, Packaged Drinking Water)	Cadmium	AAS Method APHA 23rd Ed.2017, 3500,3-107 IS :3025(P-41):
501	CHEMICAL- WATER	Water (Potable & Domestic, Drinking Purpose, Packaged Drinking Water)	Cyanide	Electrode Method, APHA 23rd Ed. 2017, 4500,4-48. IS :3025(P-27)
502	CHEMICAL- WATER	Water (Potable & Domestic, Drinking Purpose, Packaged Drinking Water)	Nickel	AAS Method, APHA 23rd Ed., 3500.3-110
503	CHEMICAL- WATER	Water (Potable & Domestic, Drinking Purpose, Packaged Drinking Water)	Phenol	IS: 3025 (P-43)
504	CHEMICAL- WATER	Water (Potable & Domestic, Drinking Purpose, Packaged Drinking Water)	Selenium	Spectrophotometric Method, APHA 23rd Ed. 2017,3500,3-95-96. IS :3025(P-56)
505	CHEMICAL- WATER	Water (Potable & Domestic, Drinking Purpose, Packaged Drinking Water)	Surfactants	Sublation Method, APHA 23rd Ed., 5540,5-53

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506	CHEMICAL- WATER	Water (Potable & Domestic, Drinking Purpose, Packaged Drinking Water)	Vanadium	Spectrophotometric Method, APHA 23rd Ed., 3500,3-103-104
507	CHEMICAL- WATER	Water for construction purpose	Acidity (ml of 02 'N' NaOH used to neutralize the 100 ml of the water)	IS : 3025 (P-22)
508	CHEMICAL- WATER	Water for construction purpose	Alkalinity (ml of 02 'N' H2SO4 used to neutralized the 100ml of the water)	IS : 3025 (P-23)
509	CHEMICAL- WATER	Water for construction purpose	Chloride	IS :3025 (P-32)
510	CHEMICAL- WATER	Water for construction purpose	Inorganic Solids	IS : 3025 (P- 16)
511	CHEMICAL- WATER	Water for construction purpose	Organic Solids	IS : 3025 (P-18)
512	CHEMICAL- WATER	Water for construction purpose	pH Value	IS: 3025 (P-11)
513	CHEMICAL- WATER	Water for construction purpose	Sulphate	IS: 3025 (P- 24)
514	CHEMICAL- WATER	Water for construction purpose	Total Suspended Material	IS :3025 (P-17)
515	CHEMICAL- WATER	Water(Potable & Domestic, Drinking Purpose, Packaged Drinking Water)	Fluoride	IS: 3025(P- 60)
516	CHEMICAL- WATER	Water(Potable & Domestic, Drinking purpose, Packaged Drinking Water)	Ammonical Nitrogen as NH3-N	IS:3025(P-34)
517	CHEMICAL- WATER	Water(Potable & Domestic, Drinking Purpose, Packaged Drinking Water)	Zinc	IS: 3025 (P-49)
518	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS:1208
519	MECHANICAL- BUILDINGS MATERIALS	bitumen	Penetration Value	IS:1203
520	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS:1205
521	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS:1202
522	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS:3495(P-1)
523	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Height)	IS 1077
524	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Length)	IS 1077
525	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (width)	IS 1077

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526	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS:3495 (P-2)
527	MECHANICAL- BUILDINGS MATERIALS	cement	compressive strength of cement	IS:4031(p-6)
528	MECHANICAL- BUILDINGS MATERIALS	Cement	Final setting time	IS:4031 (P-5)
529	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness (By dry sieve method)	IS:4031 (P-1)
530	MECHANICAL- BUILDINGS MATERIALS	cement	Initial setting time	IS:4031(P-5)
531	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le chatlier	IS:4031(P-3)
532	MECHANICAL- BUILDINGS MATERIALS	Cement	Standard Consistency Cement paste	IS:4031(P-4)
533	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk density	IS:2386 (P-3)
534	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS:2386 (P-1)
535	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS:2386 (P-1)
536	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS:2386 (P-4)
537	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angeles Abrasion value (LAA)	IS:2386 (P-4)
538	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis(Sieve size-2.36mm to 125mm)	IS:2386(p-1)
539	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness in MgSO4 & Na2SO4	IS:2386 (P-5)
540	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific gravity	IS:2386(p-3)
541	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS:2386(P-3)
542	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive strength of concrete	IS:516, part-1, Sec,-1
543	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis(Sieve size-0.075mm to 10mm)	IS:2386(p-1)
544	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness	IS:2386(P-5)

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545	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific gravity	IS:2386(p-3)
546	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
547	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Workability by slump test	IS :1199 , part-2
548	MECHANICAL- SOIL AND ROCK	Natural building stones/Rock	Compressive strength	IS:1121(P-1)
549	MECHANICAL- SOIL AND ROCK	Natural building stones/Rock	Specific gravity	IS:1124
550	MECHANICAL- SOIL AND ROCK	Natural Building stones/Rock	Water absorption	IS:1124
551	MECHANICAL- SOIL AND ROCK	Rock	Dry Density	IS :13030
552	MECHANICAL- SOIL AND ROCK	Rock	Point load test	IS:8764
553	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS:13030
554	MECHANICAL- SOIL AND ROCK	Rock	Tensile strength by Indirect test(Brazillian)	IS:10082
555	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS:9143
556	MECHANICAL- SOIL AND ROCK	Rock	Water content	IS:13030
557	MECHANICAL- SOIL AND ROCK	Soil	Determination of Liquid Limit	IS:2720(P-V)
558	MECHANICAL- SOIL AND ROCK	Soil	Determination of Moisture Content	IS:2720(Pt-II)
559	MECHANICAL- SOIL AND ROCK	Soil	Determination of Plastic Limit	IS:2720(P- V)
560	MECHANICAL- SOIL AND ROCK	Soil	Determination of Specific Gravity of Soil	IS:2720, Pt- III (Sec.1 & 2)
561	MECHANICAL- SOIL AND ROCK	Soil	Determination of C.B.R at Lab	IS:2720 (Pt-XVI)-1987
562	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test(c)	IS:2720(P-XIII)
563	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test(Phi)	IS:2720(P-XIII)

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564	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index Method	IS:2720(P-XL)
565	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction(M.D.D)	IS:2720(P-VIII)
566	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction(O.M.C)	IS:2720(P-VIII)
567	MECHANICAL- SOIL AND ROCK	Soil	Light compaction(M.D.D)	IS:2720(P-VII)
568	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction(O.M.C)	IS:2720(P-VII)
569	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS:2720(Pt- VI)
570	MECHANICAL- SOIL AND ROCK	Soil	Sieve analysis(Sieve size-75 mic to 100mm)	IS:2720(P-IV)
571	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Compression Test (UU) (cohesion)	IS:2720(P-XI)
572	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Compression Test (UU)(Phi)	IS:2720-Pt.XI-1993
573	MECHANICAL- SOIL AND ROCK	Soil	Unconfined compression test	IS:2720(P-10)

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Site Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ammonia	EEL/SOP/AAQ/NH3-01,Issue No 00
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Cyanide	EEL/SOP/AAQ/CN-01,Issue No.00
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Dust Fall	IS:5182(P-1)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Fluoride	IS:5182(P-13)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Lead	EEL/SOP/AAQ/Pb-01,Issue No.00
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nitrogen Dioxide	IS:5182(P-6)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ozone	EEL/SOP/AAQ/Oz-01,Issue No.00
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	PM 10 Particulate Matter(	IS:5182(P-23)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	PM 2.5 Particulate Matter(	SOP No.-R-8.3.55/STP(A)CPCB Guidlines
10	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Sulphur Dioxide	IS:5182(P-2)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Suspended Particulate Matter	EEL/SOP/AAQ/SPM-01,Issue No.00
12	CHEMICAL- ATMOSPHERIC POLLUTION	Noise	Sound Pressure Level	IS:9989-1981
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Ammonia	IS:11255(P-6)
14	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Carbon Disulphide	IS:11255(P-4)
15	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Cyanide	EEL/SOP/SM/CN-01,Issue No.00
16	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Fluoride	EEL/SOP/SM/F-01.Issue No.00
17	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Hydrogen Sulphide	IS:11255(P-4)
18	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxides of Nitrogen(as NOx)	USEPA

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19	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Particulate Matter	IS:11255(P-1)
20	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur Dioxide(as SO2)	IS:11255(P-2)