National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : JOHANNES KEPLER TESTING & RESEARCH CENTRE (HICM) PRIVATE LIMITED, DPS MORE, PRIYDARSHI NAGAR, BAILEY ROAD, DANAPUR CANTT, PATNA, BIHAR, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8942 **Page No** 1 of 17

Validity 03/08/2022 to 02/08/2024 **Last Amended on** 06/01/2023

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	Nitrogen Dioxide (NO2)	IS 5182 Part-6
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Noise	IS 4758
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ozone (O3)	IS 5182 Part-9
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate Matter (PM2.5)	IS 5182 Part-24
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO2)	IS 5182 Part-2
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Noise	IS 9876
7	CHEMICAL- ATMOSPHERIC POLLUTION	DG Set Noise	Noise	IS 4758
8	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive /stationary source/ stack/chimney- emission	Oxide of Nitrogen (NO2 as NO2)	IS 11255 (Part-7)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive /stationary source/ stack/chimney- emission	Particulate Matter (PM)	IS 11255 (Part-I),
10	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive /stationary source/ stack/chimney- emission	Sulphur dioxde (SO2)	IS 11255 (Part-2),
11	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content Test	IS 9103
12	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride test	IS 6925
13	CHEMICAL- BUILDING MATERIAL	Admixture	Dry material content test	IS 9103
14	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density test	IS 9103
15	CHEMICAL- BUILDING MATERIAL	Bentonite	pH Test	IS 6186
16	CHEMICAL- BUILDING MATERIAL	Bitumen	Mineral Materials (Ash) test	IS 1217
17	CHEMICAL- BUILDING MATERIAL	Bitumen	Solubility in Trichloroethylene	IS 1216
18	CHEMICAL- BUILDING MATERIAL	Cement	Alkali (Na2O & K2O)	IS 4032

SCOPE OF ACCREDITATION

Laboratory Name : JOHANNES KEPLER TESTING & RESEARCH CENTRE (HICM) PRIVATE LIMITED, DPS MORE, PRIYDARSHI NAGAR, BAILEY ROAD, DANAPUR CANTT, PATNA, BIHAR, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8942 **Page No** 2 of 17

Validity 03/08/2022 to 02/08/2024 **Last Amended on** 06/01/2023

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
19	CHEMICAL- BUILDING MATERIAL	Cement	Aluminum Oxide-Al2O3 (Alumina Test)	IS:4032
20	CHEMICAL- BUILDING MATERIAL	Cement	Calcium Oxide Test (CaO)	IS 4032
21	CHEMICAL- BUILDING MATERIAL	Cement	Chloride	IS 12423
22	CHEMICAL- BUILDING MATERIAL	Cement	Ferric Oxide Test	IS 4032
23	CHEMICAL- BUILDING MATERIAL	Cement	Insouluble Residue test	IS 4032
24	CHEMICAL- BUILDING MATERIAL	Cement	Loss on Ignition Test	IS 4032
25	CHEMICAL- BUILDING MATERIAL	Cement	Magnesium Oxide Test (MgO)	IS 4032
26	CHEMICAL- BUILDING MATERIAL	Cement	Silica Test	IS 4032
27	CHEMICAL- BUILDING MATERIAL	Cement	Sulphuric Anhydride test	IS 4032
28	CHEMICAL- BUILDING MATERIAL	Fine Aggregate / Coarse Aggregate	Alkali	IS 2386 P-7
29	CHEMICAL- BUILDING MATERIAL	Fine Aggregate / Coarse Aggregate	Chloride	IS 14959
30	CHEMICAL- BUILDING MATERIAL	Fly ash	Alkali (Na2O & K2O)	IS 4032
31	CHEMICAL- BUILDING MATERIAL	Fly Ash	Alumina Test	IS 1727
32	CHEMICAL- BUILDING MATERIAL	Fly ash	Chloride	IS 12423
33	CHEMICAL- BUILDING MATERIAL	Fly Ash	Ferric Oxide Test	IS 1727
34	CHEMICAL- BUILDING MATERIAL	Fly Ash	Loss of Ignition Test	IS 1727
35	CHEMICAL- BUILDING MATERIAL	Fly ash	Magnesia (MgO) Test	IS 1727
36	CHEMICAL- BUILDING MATERIAL	Fly ash	Silica Content (SiO2) Test	IS 1727
37	CHEMICAL- BUILDING MATERIAL	Fly Ash	Sulphuric anhydride (SO3) test	IS 1727

SCOPE OF ACCREDITATION

Laboratory Name :	JOHANNES KEPLER TESTING & RESEARCH CENTRE (HICM) PRIVATE LIMITED, DPS MORE, PRIYDARSHI NAGAR, BAILEY ROAD, DANAPUR CANTT, PATNA, BIHAR, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8942	**Page No**	3 of 17
Validity	03/08/2022 to 02/08/2024	**Last Amended on**	06/01/2023

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
38	CHEMICAL- BUILDING MATERIAL	Micro Silica	Alkali	IS 4032
39	CHEMICAL- BUILDING MATERIAL	Micro Silica	Lass on Ignition	IS 1727
40	CHEMICAL- BUILDING MATERIAL	Micro Silica	Moisture Content	IS 1727
41	CHEMICAL- BUILDING MATERIAL	Micro Silica	Silica	IS 1727
42	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Chromium	ASTM E 1251
43	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Cobalt	ASTM E 1251
44	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Copper	ASTM E 1251
45	CHEMICAL- METALS & ALLOYS	aluminium Alloys	Iron	ASTM E 1251
46	CHEMICAL- METALS & ALLOYS	Aluminium alloys	Lead	ASTM E 1251
47	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Manganese	ASTM E 1251
48	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Nickel	ASTM E 1251
49	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Silicon test	ASTM E 1251 / IS 1285
50	CHEMICAL- METALS & ALLOYS	Aluminium alloys	Titanium	ASTM E 1251 /IS 1285
51	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Vanadium	ASTM E 1251
52	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Zinc	ASTM E 1251
53	CHEMICAL- METALS & ALLOYS	carbon and low alloy steel	Aluminium	ASTM E415 / IS 8811
54	CHEMICAL- METALS & ALLOYS	carbon and low alloy steel	Carbon	ASTM E415 / IS 8811
55	CHEMICAL- METALS & ALLOYS	carbon and low alloy steel	Chromium	ASTM E415 / IS 8811
56	CHEMICAL- METALS & ALLOYS	carbon and low alloy steel	Copper	ASTM E415 / IS 8811

SCOPE OF ACCREDITATION

Laboratory Name : JOHANNES KEPLER TESTING & RESEARCH CENTRE (HICM) PRIVATE LIMITED, DPS MORE, PRIYDARSHI NAGAR, BAILEY ROAD, DANAPUR CANTT, PATNA, BIHAR, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8942 **Page No** 4 of 17

Validity 03/08/2022 to 02/08/2024 **Last Amended on** 06/01/2023

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
57	CHEMICAL- METALS & ALLOYS	carbon and low alloy steel	Manganese	ASTM E415 / IS 8811
58	CHEMICAL- METALS & ALLOYS	carbon and low alloy steel	Molybdenum	ASTM E415 / IS 8811
59	CHEMICAL- METALS & ALLOYS	carbon and low alloy steel	Nickel	ASTM E415 / IS 8811
60	CHEMICAL- METALS & ALLOYS	carbon and low alloy steel	Niobium	ASTM E415 / IS 8811
61	CHEMICAL- METALS & ALLOYS	carbon and low alloy steel	Phosphorus	ASTM E415 / IS 8811
62	CHEMICAL- METALS & ALLOYS	carbon and low alloy steel	Silicon	ASTM E415 / IS 8811
63	CHEMICAL- METALS & ALLOYS	carbon and low alloy steel	Sulphur	ASTM E415 / IS 8811
64	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Carbon	ASTM E 1999-18
65	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Chromium	ASTM E 1999 / IS 7226
66	CHEMICAL- METALS & ALLOYS	Cast iron / SG Iron	Copper	ASTM E 1999
67	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Molybdenum	ASTM E 1999-18
68	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Nickel	ASTM E 1999
69	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Phosphorus	ASTM E 1999 / IS 513
70	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Silicon	ASTM E 1999 / IS 7226
71	CHEMICAL- METALS & ALLOYS	Cast Iron / SG Iron	Sulphur	ASTM E 1999 / IS 513
72	CHEMICAL- METALS & ALLOYS	Cast Iron /SG Iron	Manganese	ASTM E 1999 / IS 513
73	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Aluminium	BS EN 15079
74	CHEMICAL- METALS & ALLOYS	Copper & Its alloys	Iron	BSEN 15079
75	CHEMICAL- METALS & ALLOYS	Copper & Its alloys	Lead	BSEN 15079

SCOPE OF ACCREDITATION

Laboratory Name :	JOHANNES KEPLER TESTING & RESEARCH CENTRE (HICM) PRIVATE LIMITED, DPS MORE, PRIYDARSHI NAGAR, BAILEY ROAD, DANAPUR CANTT, PATNA, BIHAR, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8942	**Page No**	5 of 17
Validity	03/08/2022 to 02/08/2024	**Last Amended on**	06/01/2023

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
76	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Nickel	BS EN 15079
77	CHEMICAL- METALS & ALLOYS	Copper & Its alloys	Phosphorous	BS EN 15079
78	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silicon	BS EN 15079
79	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Tin	BS EN 15079
80	CHEMICAL- METALS & ALLOYS	Copper & Its alloys	Zinc	BSEN 15079
81	CHEMICAL- METALS & ALLOYS	Ferrous Metals & Alloys Steel	Tin	ASTM E415 / IS 8811
82	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTMD 1086 / IS 6911
83	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTMD 1086
84	CHEMICAL- METALS & ALLOYS	Stainless steel	Copper	ASTMD 1086
85	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese	ASTMD 1086
86	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTMD 1086
87	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTMD 1086
88	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorus	ASTMD 1086
89	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTMD 1086
90	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTMD 1086
91	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Industrial/ Domestic Effluent)	Chemical Oxygen Demand (COD)	IS 3025 (Part-58)
92	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Industrial/ Domestic Effluent)	Conductivity	IS 3025 (Part-14)
93	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Industrial / Domestic Effluent)	Acidity as CaCO3	IS 3025 (Part-22)
94	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Industrial / Domestic Effluent)	Alkalinity as CaCO3	IS 3025 (Part-23)

SCOPE OF ACCREDITATION

Laboratory Name :	JOHANNES KEPLER TESTING & RESEARCH CENTRE (HICM) PRIVATE LIMITED, DPS MORE, PRIYDARSHI NAGAR, BAILEY ROAD, DANAPUR CANTT, PATNA, BIHAR, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8942	**Page No**	6 of 17
Validity	03/08/2022 to 02/08/2024	**Last Amended on**	06/01/2023

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
95	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Industrial / Domestic Effluent)	Bio-Chemical Oxygen Demand (BOD)	IS 3025 (Part-44)
96	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Industrial / Domestic Effluent)	Calcium as Ca	IS 3025 (Part-40)
97	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Industrial / Domestic Effluent)	Dissolved Oxygen O2	IS 3025 (Part-38)
98	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Industrial / Domestic Effluent)	Filterable Residue (Total Dissolve Solids)	IS 3025 (Part-16)
99	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Industrial / Domestic Effluent)	Fluoride	IS 3025 (Part-60)
100	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Industrial / Domestic Effluent)	Hardness (as CaCO3)	IS 3025 (Part-21)
101	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Industrial / Domestic Effluent)	Iron	IS 3025 (P-53)
102	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Industrial / Domestic Effluent)	Magnesium as Mg	IS 3025 (Part-59)
103	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Industrial / Domestic Effluent)	Nitrate (as NO3)	IS 3025 (Part-34)
104	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Industrial / Domestic Effluent)	Nitrite as NO2	IS 3025 (Part-34)
105	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Industrial / Domestic Effluent)	Oil & Grease	IS 3025 (Part-39)
106	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Industrial / Domestic Effluent)	pH Value	IS 3025 (Part-11)
107	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Industrial / Domestic Effluent)	Potassium as K	IS 3025 (Part-45)
108	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Industrial / Domestic Effluent)	Sodium as Na	IS 3025 (Part-45)
109	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Industrial / Domestic Effluent)	Sulphate	IS 3025 (Part-24)
110	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Industrial / Domestic Effluent)	Total Dissolve Solid	IS 3025 (Part-16)
111	CHEMICAL- SOIL AND ROCK	Agriculture soil	Moisture content	IS 2720 P-2
112	CHEMICAL- SOIL AND ROCK	Agriculture soil	pH	IS 2720 P-26

SCOPE OF ACCREDITATION

Laboratory Name :	JOHANNES KEPLER TESTING & RESEARCH CENTRE (HICM) PRIVATE LIMITED, DPS MORE, PRIYDARSHI NAGAR, BAILEY ROAD, DANAPUR CANTT, PATNA, BIHAR, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8942	**Page No**	7 of 17
Validity	03/08/2022 to 02/08/2024	**Last Amended on**	06/01/2023

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
113	CHEMICAL- WATER	Drinking Water	Specific Conductance (Wheatstone Bridge, Conductance Cell)	IS 3025 (Part-14)
114	CHEMICAL- WATER	Drinking Water	Acidity as CaCO3 test	IS 3025 (Part-22)
115	CHEMICAL- WATER	Drinking Water	Alkalinity as CaCO3	IS 3025 (Part-23)
116	CHEMICAL- WATER	Drinking water	Alkalinity as volume of 100ml sample used neutralize 0.02N H2SO4, Using Mix indicator Test	IS 3025 (P-23)
117	CHEMICAL- WATER	Drinking Water	Arsenic	IS 3025 (Part-37)
118	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS:3025 (Part-40)
119	CHEMICAL- WATER	Drinking Water	Chloride as Cl	IS 3025 (Part-32)
120	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part-14)
121	CHEMICAL- WATER	Drinking Water	Copper	IS 3025 (P-42)
122	CHEMICAL- WATER	Drinking Water	Filterable Residue (Total Dissolved Solids)	IS 3025 (Part 16)
123	CHEMICAL- WATER	Drinking Water	Fluoride	IS 3025 (Part-60)
124	CHEMICAL- WATER	Drinking Water	Iron	IS 3025 (Part-53)
125	CHEMICAL- WATER	Drinking Water	Lead	IS 3025 (P47)
126	CHEMICAL- WATER	Drinking Water	Magnesium	IS 3025 (Part-46)
127	CHEMICAL- WATER	Drinking Water	Nitrate Nitrogen (NO3)	IS 3025 (Part-34)
128	CHEMICAL- WATER	Drinking Water	Obour	IS 3025 (Part-5)
129	CHEMICAL- WATER	Drinking Water	Organic Material	IS 3025 (Part-18)
130	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part-11)
131	CHEMICAL- WATER	Drinking Water	Phosphorus	IS 3025 (Part-31)
132	CHEMICAL- WATER	Drinking Water	Selenium as Se	IS 3025 (Part-56)
133	CHEMICAL- WATER	Drinking Water	Sodium and Potassium	IS 3025 (Part-45)
134	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS 3025 (Part-24)
135	CHEMICAL- WATER	Drinking Water	Taste Rating	IS 3025 (Part-7&8)
136	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025 (Part-21)
137	CHEMICAL- WATER	Drinking Water	Total Suspended Solid	IS 3025 (Part-17)
138	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part-10)
139	CHEMICAL- WATER	Drinking Water	Zinc as Zn	IS 3025 (Part-49)

SCOPE OF ACCREDITATION

Laboratory Name :	JOHANNES KEPLER TESTING & RESEARCH CENTRE (HICM) PRIVATE LIMITED, DPS MORE, PRIYDARSHI NAGAR, BAILEY ROAD, DANAPUR CANTT, PATNA, BIHAR, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8942	**Page No**	8 of 17
Validity	03/08/2022 to 02/08/2024	**Last Amended on**	06/01/2023

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
140	CHEMICAL- WATER	Water for construction purpose	Acidity As Volume of 100ml sample used neutralize 0.02N NaOH, Using Phenolphthalein indicator Test	IS 3025 (Part-22)
141	CHEMICAL- WATER	Water for construction purpose	Alkalinity as volume of 100ml sample used neutralize 0.02N H2SO4, Using Mix indicator Test	IS 3025 (Part-23)
142	CHEMICAL- WATER	Water for construction purpose	Chloride	IS:3025 (Part-32)
143	CHEMICAL- WATER	Water for construction purpose	Filterable Residue (Total Dissolved Solids)	IS 3025 (P-16)
144	CHEMICAL- WATER	Water for construction purpose	Non-Filterable Residue (Total Dissolved Solids)	IS 3025 (P-17)
145	CHEMICAL- WATER	Water for construction purpose	Organic Material	IS 3025 (Part-18)
146	CHEMICAL- WATER	Water for construction purpose	pH	IS 3025 (Part-11)
147	CHEMICAL- WATER	Water for construction purpose	Sulphate as SO3	IS 3025 (Part-24)
148	CHEMICAL- WATER	Water for construction purpose	Total Dissolve Solids	IS 3025 (Part-16)
149	CHEMICAL- WATER	Water for construction purpose	Total Suspended Solids	IS 3025 (Part-17)
150	CHEMICAL- WATER	Water for construction purpose	Volatile And Fixed Residue (Total Filterable and Non-Filterable)	IS 3025 (Part-18)
151	MECHANICAL- BUILDINGS MATERIALS	Admixture	Bleeding test	IS 9103
152	MECHANICAL- BUILDINGS MATERIALS	Admixture	compressive strength Test	IS 516
153	MECHANICAL- BUILDINGS MATERIALS	Admixture	Flexural Strength Test	IS 516
154	MECHANICAL- BUILDINGS MATERIALS	Admixture	Setting Time (initial and Final) test	IS 8142
155	MECHANICAL- BUILDINGS MATERIALS	Admixture	Slump test (Fresh concrete)	IS 1199 (Part-2)
156	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Absolute Viscosity	IS 1206 (P-2)
157	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Kinematic Viscosity	IS 1206 (P-3)
158	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Bitumen Content test	SOP-JKTRC/LAB/SOP/BITUMEN/2.1. (IRC SP-11)

SCOPE OF ACCREDITATION

Laboratory Name :	JOHANNES KEPLER TESTING & RESEARCH CENTRE (HICM) PRIVATE LIMITED, DPS MORE, PRIYDARSHI NAGAR, BAILEY ROAD, DANAPUR CANTT, PATNA, BIHAR, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8942	**Page No**	9 of 17
Validity	03/08/2022 to 02/08/2024	**Last Amended on**	06/01/2023

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
159	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Ductility Test	IS 1208
160	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Flash & Fire Point test	IS 1209
161	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Hardness Test of Bitumen Mastic Asphalt Test	IS 1195
162	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Penetration	IS 1203
163	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Softening Point	IS 1205
164	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Specific Gravity	IS 1202
165	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Test on residue From rolling thin film oven (Ductility test at 25 °C)	IS 1208
166	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Test on residue from rolling thin film oven (Viscosity Ratio at 60 °C)	IS 1206 (Part-2)
167	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Test on Residue from rolling thin flim oven Test	IS 9382
168	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete	Impact Value test	IS 2386 (P-4)
169	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete	Marshal Stability test	ASTMD 6927
170	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete	Stripping Value test	IS 6241
171	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete	Water Absorption	IS 2386 (P-3)
172	MECHANICAL- BUILDINGS MATERIALS	Brick (Burnt Clay Brick / Fly Ash)	Compressive Strength	IS 3495 (Part-1)
173	MECHANICAL- BUILDINGS MATERIALS	Brick (Burnt Clay Brick / Fly Ash)	Dimension - Height	IS 1077
174	MECHANICAL- BUILDINGS MATERIALS	Brick (Burnt Clay Brick / Fly Ash)	Dimension - Width	IS 15658
175	MECHANICAL- BUILDINGS MATERIALS	Brick (Burnt Clay Brick / Fly Ash)	Dimensions Length	IS 1077
176	MECHANICAL- BUILDINGS MATERIALS	Brick (Burnt Clay Brick / Fly Ash)	Dimensions Width	IS 1077

SCOPE OF ACCREDITATION

Laboratory Name :	JOHANNES KEPLER TESTING & RESEARCH CENTRE (HICM) PRIVATE LIMITED, DPS MORE, PRIYDARSHI NAGAR, BAILEY ROAD, DANAPUR CANTT, PATNA, BIHAR, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8942	**Page No**	10 of 17
Validity	03/08/2022 to 02/08/2024	**Last Amended on**	06/01/2023

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
177	MECHANICAL- BUILDINGS MATERIALS	Brick (Burnt Clay Brick / Fly Ash)	Efflorscence Test	IS 3495 (Part-3)
178	MECHANICAL- BUILDINGS MATERIALS	Brick (Burnt Clay Brick / Fly Ash)	Water Absorption	IS 3495 (Part-2)
179	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC,PPC,PSC)	Compressive Strength	IS 4031 (P-6)
180	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC,PPC,PSC)	Consistency test	IS 4031 (P-4)
181	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC,PPC,PSC)	Density test	IS 4013 (P-11)
182	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC,PPC,PSC)	Fineness by Blain Air Permeability test	IS 4031
183	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC,PPC,PSC)	Setting Time (Final)	IS 4031 (P-5)
184	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC,PPC,PSC)	Setting Time (Initial) test	IS 4031 (P-5)
185	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC,PPC,PSC)	Soundness by Autoclave expansion	IS 4031 (P-3)
186	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC,PPC,PSC)	Soundness by Le-Chatelier Expansion	IS 4031 (P-3)
187	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation test	IS 2386 (P-1)
188	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Impact Value test	IS 2386 (P-4)
189	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density Test	IS 2386 (P-3)
190	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value test	IS 2386 (P-4)
191	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Material(Coal & Lignite)	IS 2386 (P-2)
192	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious material (Clay & Lump)	IS 2386 (P-2)
193	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness	IS 2386 (P-1)
194	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angeles Abrasion Value	IS 2386 (P-4)
195	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Material Finerthan 75 micron test	IS 2386 (P-1)

SCOPE OF ACCREDITATION

Laboratory Name : JOHANNES KEPLER TESTING & RESEARCH CENTRE (HICM) PRIVATE LIMITED, DPS MORE, PRIYDARSHI NAGAR, BAILEY ROAD, DANAPUR CANTT, PATNA, BIHAR, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8942 **Page No** 11 of 17

Validity 03/08/2022 to 02/08/2024 **Last Amended on** 06/01/2023

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
196	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis test (2.36 mm to 80 mm)	IS 2386 (P-1)
197	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness by Na2So4 & MgSo4	IS 2386 (P-5)
198	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity test	IS 2386 (P-3)
199	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Ten Percent Fine Value Test	IS 2386 (P-4)
200	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption test	IS 2386 (P-3)
201	MECHANICAL- BUILDINGS MATERIALS	concrete beem	Flexural Strength test	IS 516
202	MECHANICAL- BUILDINGS MATERIALS	concrete cubes	Compressive strength	IS 516
203	MECHANICAL- BUILDINGS MATERIALS	concrete cubes	Compressive Strength test (By Accelerated Boilling Water Method)	IS 9013
204	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Coagulation of Emulsion at Low Temperature test	IS 8887 (Annex-C)
205	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Coating Ability And resistance	IS 8887 (Annex-F)
206	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Miscibility With Water	IS 8887 (Annex-H)
207	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Residue by Evaporation tset	IS 8887 (Annex-J)
208	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Residue on 600 Mic IS Sieve % by Mass Test	IS 8887 (Annex-B)
209	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Stability to the Mixing With cement	IS 8887 (Annex-G)
210	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Storage Stability After 24 Hours Test	IS 8887 (Annex-D)
211	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (P-3)
212	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Material (Clay Lump) test	IS 2386 (P-2)
213	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Material (Coal & Lignite) test	IS 2386 (P-2)

SCOPE OF ACCREDITATION

Laboratory Name : JOHANNES KEPLER TESTING & RESEARCH CENTRE (HICM) PRIVATE LIMITED, DPS MORE, PRIYDARSHI NAGAR, BAILEY ROAD, DANAPUR CANTT, PATNA, BIHAR, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8942 **Page No** 12 of 17

Validity 03/08/2022 to 02/08/2024 **Last Amended on** 06/01/2023

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
214	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Material (Material Finer than 75 microns)	IS 2386 (P-1)
215	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Organic Impurities	IS 2386 (P-2)
216	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (10mm to150 micron)	IS 2386 (P-1)
217	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Silt Content	SOP- JKTRC/LAB/SOP/FINE AGGREGATE/4.1. (CPWD Specification 2009)
218	MECHANICAL- BUILDINGS MATERIALS	fine Aggregate	Soundness by Na2So4 &MgSo4	IS2386 (P-5)
219	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (P-3)
220	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (P-3)
221	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Compressive Strength at 28 Day	IS 1727
222	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness by Blain air permeability test	IS 1727
223	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness by Autoclave Expansion method	IS 1727
224	MECHANICAL- BUILDINGS MATERIALS	Paver block	Dimension - Height	IS 15658
225	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Abrasion resistance	IS-15658
226	MECHANICAL- BUILDINGS MATERIALS	Paver Block	compressive Strength	IS 15658
227	MECHANICAL- BUILDINGS MATERIALS	paver block	Dimensions Length	IS 15658
228	MECHANICAL- BUILDINGS MATERIALS	paver block	Flexural Strength	IS 15658
229	MECHANICAL- BUILDINGS MATERIALS	paver block	Water Absorption	IS 15658
230	MECHANICAL- BUILDINGS MATERIALS	Steel Structural / TMT Bar	Yield Stress test	IS 1608 Part-1
231	MECHANICAL- BUILDINGS MATERIALS	Steel Structure /TMT Bar	Bend test	IS 1599

SCOPE OF ACCREDITATION

Laboratory Name :	JOHANNES KEPLER TESTING & RESEARCH CENTRE (HICM) PRIVATE LIMITED, DPS MORE, PRIYDARSHI NAGAR, BAILEY ROAD, DANAPUR CANTT, PATNA, BIHAR, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8942	**Page No**	13 of 17
Validity	03/08/2022 to 02/08/2024	**Last Amended on**	06/01/2023

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
232	MECHANICAL- BUILDINGS MATERIALS	Steel Structure /TMT Bar	Elongation Percent	IS 1608 Part-1
233	MECHANICAL- BUILDINGS MATERIALS	Steel Structure /TMT Bar	Re bend test	IS 1786
234	MECHANICAL- BUILDINGS MATERIALS	Steel Structure/TMT Bar	Mass per metre	IS 1786
235	MECHANICAL- BUILDINGS MATERIALS	Steel Structure/TMT Bar	Tensile Strength test	IS 1608 Part-1
236	MECHANICAL- BUILDINGS MATERIALS	Tiles / Ceramic Tiles	Breaking Strength	IS 13630 (P-6)
237	MECHANICAL- BUILDINGS MATERIALS	Tiles / Ceramic Tiles	Chemical resistance methyl blue test	IS 13630 (P-8)
238	MECHANICAL- BUILDINGS MATERIALS	Tiles / Ceramic Tiles	Chemical Resistance to House Hold chemical test	IS 13630 Part-8
239	MECHANICAL- BUILDINGS MATERIALS	Tiles / Ceramic Tiles	Crazing Resistance test	IS 13630 (P-9)
240	MECHANICAL- BUILDINGS MATERIALS	Tiles / Ceramic Tiles	Dimension (Width)	IS 13630 (P-1)
241	MECHANICAL- BUILDINGS MATERIALS	Tiles / Ceramic Tiles	Dimension (length)	IS 13630 (P-1)
242	MECHANICAL- BUILDINGS MATERIALS	Tiles / Ceramic Tiles	Dimension Thickness	IS 13630 (P-1)
243	MECHANICAL- BUILDINGS MATERIALS	Tiles / Ceramic Tiles	Resistance Thermal Expansion	IS 13630 (P-5)
244	MECHANICAL- BUILDINGS MATERIALS	Tiles / Ceramic Tiles	Scratch Hardness accordance to MOHS	IS 13630 (P-13)
245	MECHANICAL- BUILDINGS MATERIALS	Tiles / Ceramic Tiles	Visible Examination test	IS 13630 (P-8)
246	MECHANICAL- BUILDINGS MATERIALS	Tiles / Ceramic Tiles	Water Absorption test	IS 13630 (P-2)
247	MECHANICAL- SOIL AND ROCK	Bentonite	liquid limit test	IS 2720 (P-5)
248	MECHANICAL- SOIL AND ROCK	Bentonite	Moisture Content test	IS 6186
249	MECHANICAL- SOIL AND ROCK	Bentonite	Plastic Limit test	IS 2720 (P-5)
250	MECHANICAL- SOIL AND ROCK	Bentonite	Sand Content Test	IS 6186

SCOPE OF ACCREDITATION

Laboratory Name : JOHANNES KEPLER TESTING & RESEARCH CENTRE (HICM) PRIVATE LIMITED, DPS MORE, PRIYDARSHI NAGAR, BAILEY ROAD, DANAPUR CANTT, PATNA, BIHAR, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8942 **Page No** 14 of 17

Validity 03/08/2022 to 02/08/2024 **Last Amended on** 06/01/2023

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
251	MECHANICAL- SOIL AND ROCK	Bentonite	Swelling Power test	IS 6186
252	MECHANICAL- SOIL AND ROCK	Blanketing material	Co-efficient Curvature	IS 2720 (P-4)
253	MECHANICAL- SOIL AND ROCK	Blanketing material	Proctor Density (MDD)	IS 2720 (P-8)
254	MECHANICAL- SOIL AND ROCK	Blanketing material	Proctor Density (OMC)	IS 2720 (P-8)
255	MECHANICAL- SOIL AND ROCK	Blanketing material	Sieve Analysis test	SOP- JKTRC/LAB/SOP/BLANKET MATERIAL/3. (GE:IR-2 RDSO2007/GE0014)
256	MECHANICAL- SOIL AND ROCK	Blanketing material	Specific Gravity test	IS 2720 (P-3)
257	MECHANICAL- SOIL AND ROCK	Blanketing material	Uniformity Co-efficient (CU)	IS 2720 (P-4)
258	MECHANICAL- SOIL AND ROCK	GSB (Granular Sub Base)	Atterberg's Limit (Liquid limit)	IS 2720 (P-5)
259	MECHANICAL- SOIL AND ROCK	GSB (Granular Sub Base)	Atterberg's Limit (Plastic Limit) test	IS 2720 (P-5)
260	MECHANICAL- SOIL AND ROCK	GSB (Granular Sub Base)	Proctor Density MDD (maximum dry density) test	IS 2720 (P-8)
261	MECHANICAL- SOIL AND ROCK	GSB (Granular Sub Base)	Proctor Density OMC (optimum moisture content) Test	IS 2720 (P-8)
262	MECHANICAL- SOIL AND ROCK	GSB (Granular Sub Base)	Sieve Analysis test	MORTH 5th rev sec400
263	MECHANICAL- SOIL AND ROCK	GSB (Granular Sub Base)	Water Absorption test	IS 2386 (P-3)
264	MECHANICAL- SOIL AND ROCK	soil and Rock	Direct Shear (Cohesion)	IS 2720 (P-13)
265	MECHANICAL- SOIL AND ROCK	Soil and Rock	Direct Shear Test (Angle of Internal Friction)	IS 2720 Part-13
266	MECHANICAL- SOIL AND ROCK	Soil and rock	relative density	IS 2720 P-14
267	MECHANICAL- SOIL AND ROCK	Soil and Rock	Triaxial Shear Test - TUU (Angle of Internal Friction)	IS 2720 Part-11
268	MECHANICAL- SOIL AND ROCK	soil and Rock	Triaxial shear test - TUU (Cohesion)	IS 2720 (P-11)

SCOPE OF ACCREDITATION

Laboratory Name :	JOHANNES KEPLER TESTING & RESEARCH CENTRE (HICM) PRIVATE LIMITED, DPS MORE, PRIYDARSHI NAGAR, BAILEY ROAD, DANAPUR CANTT, PATNA, BIHAR, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8942	**Page No**	15 of 17
Validity	03/08/2022 to 02/08/2024	**Last Amended on**	06/01/2023

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
269	MECHANICAL- SOIL AND ROCK	soil or rock	Atterberg`s Liquid Limit	IS 2720 (p-5)
270	MECHANICAL- SOIL AND ROCK	Soil or Rock	Atterberg's Plastic Limit Test	IS 2720 P-5
271	MECHANICAL- SOIL AND ROCK	soil or rock	CBR (california Bearing Ratio) Soak	IS 2720 (p-16)
272	MECHANICAL- SOIL AND ROCK	soil or rock	CRB UN-Soak	IS 2720 (P-16)
273	MECHANICAL- SOIL AND ROCK	Soil or rock	Dry Shrinkage Test	IS 2720 (P-6)
274	MECHANICAL- SOIL AND ROCK	soil or rock	Free Swell Index	IS 2720 (P-40)
275	MECHANICAL- SOIL AND ROCK	soil or rock	Grain Size and Hydrometer Analysis (% of clay)	IS 2720 (P-4)
276	MECHANICAL- SOIL AND ROCK	soil or rock	Grain Size and Hydrometer Analysis (% of Gravel)	IS 2720 (P-4)
277	MECHANICAL- SOIL AND ROCK	soil or rock	Grain Size and Hydrometer Analysis (% of sand)	IS 2720 (P-4)
278	MECHANICAL- SOIL AND ROCK	soil or rock	Grain Size and Hydrometer Analysis (% of silt)	IS 2720 (P-4)
279	MECHANICAL- SOIL AND ROCK	soil or rock	Grain Size and Hydrometer Analysis (75µ sieve)	IS 2720 (P-4)
280	MECHANICAL- SOIL AND ROCK	Soil or Rock	moisture content test	IS 2720 (P-2)
281	MECHANICAL- SOIL AND ROCK	soil or rock	Sand Equivalent Test	IS 2720 (P-37)
282	MECHANICAL- SOIL AND ROCK	soil or rock	Specific Gravity	IS 2720 (P-3)
283	MECHANICAL- SOIL AND ROCK	Soil or Rock or Fly ash	Proctor density (Light Compaction) OMC (Optimum Moisture Content)	IS 2720 (P-7)
284	MECHANICAL- SOIL AND ROCK	soil or rock or Fly ash	Proctor density (Haevy compaction) MMD (Maximum Dry Density)	IS 2720 (P-8)
285	MECHANICAL- SOIL AND ROCK	Soil or Rock or Fly ash	Proctor density (Haevy compaction) OMC (OPtimum Moisture Content)	IS 2720 (P-8)

SCOPE OF ACCREDITATION

Laboratory Name :	JOHANNES KEPLER TESTING & RESEARCH CENTRE (HICM) PRIVATE LIMITED, DPS MORE, PRIYDARSHI NAGAR, BAILEY ROAD, DANAPUR CANTT, PATNA, BIHAR, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8942	**Page No**	16 of 17
Validity	03/08/2022 to 02/08/2024	**Last Amended on**	06/01/2023

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
286	MECHANICAL- SOIL AND ROCK	Soil or Rock or Fly-ash	Proctor density (Light Compaction) MDD (Maximum Dry Density)	IS 2720 (P-7)
287	MECHANICAL- SOIL AND ROCK	Stone / Kota / Granite/ lime, marble	Specific Gravity test	IS 1122
288	MECHANICAL- SOIL AND ROCK	Stone / Kota / Granite/ lime, marble	Water Absorption	IS 1124
289	MECHANICAL- SOIL AND ROCK	WBM / WMM	Sieve Analysis test	MORTH 5th rev400-9-9
290	MECHANICAL- SOIL AND ROCK	WBM / WMM	Water Absorption	IS 2386 (P-3)
291	MECHANICAL- SOIL AND ROCK	WMM (Wet Mix Macadom)	Atterberg's Liquid Limit test	IS 2720 (P-5)
292	MECHANICAL- SOIL AND ROCK	WMM (Wet Mix Macadom)	Atterberg's Plastic Limit test	IS 2720 (P-5)
293	MECHANICAL- SOIL AND ROCK	WMM (Wet Mix Macadom)	MDD (Maximum Dry Density) test	IS 2720 (P-8)
294	MECHANICAL- SOIL AND ROCK	WMM (Wet Mix Macadom)	OMC (Optimum Moisture Content) test	IS 2720 (P-8)
295	MECHANICAL- WOOD AND WOOD PRODUCTS	Wood And Wooden Product	Moisture Content Test by oven dry method	IS 11215
296	MECHANICAL- WOOD AND WOOD PRODUCTS	Wood And Wooden Products	Dimension (Length)	IS 303
297	MECHANICAL- WOOD AND WOOD PRODUCTS	Wood And Wooden Products	Dimension (Width) Test	IS 303
298	MECHANICAL- WOOD AND WOOD PRODUCTS	Wood And Wooden Products	Dimension of thickness	IS 303

SCOPE OF ACCREDITATION

Laboratory Name : JOHANNES KEPLER TESTING & RESEARCH CENTRE (HICM) PRIVATE LIMITED, DPS MORE, PRIYDARSHI NAGAR, BAILEY ROAD, DANAPUR CANTT, PATNA, BIHAR, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8942 **Page No** 17 of 17

Validity 03/08/2022 to 02/08/2024 **Last Amended on** 06/01/2023

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
Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil and Rock	Density by Core- Cutter method	IS 2720 (P-29)
2	MECHANICAL- SOIL AND ROCK	soil and Rock	Standard Penetration Test	IS 2131
3	MECHANICAL- SOIL AND ROCK	Soil filed	Plate Load Test	IS 1888
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Cement Concrete/ Structural Member	Span Load test	IRC SP 51
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Cement Concrete/ Structural Members	Pile Integrity test	ASTM – D 5882-16
6	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Pile	Lateral pile load test	IS 2911 (part-4)
7	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Pile	Vertical Pile load test	IS 2911 (part-4)
8	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Ultrasonic Pulse Velocity test	IS 516 (Part5, Sec I)
9	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer test	IS 516 (Part 5, Sec IV)