



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	1 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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 Testing				
1	CHEMICAL- BUILDING MATERIAL	Admixture	Dry material content	IS:9103(Annex-E)(CL-E1)
2	CHEMICAL- BUILDING MATERIAL	Hydrated Lime	Free Moisture Content	IS:1514(CL-18.1)
3	CHEMICAL- BUILDING MATERIAL	Fly Ash	FerricOxide(Fe2O3)	IS:1727(CL-5.6):
4	CHEMICAL- BUILDING MATERIAL	Fly Ash	Potassium Oxide(K2O)	IS:4032(CL-4.11)
5	CHEMICAL- BUILDING MATERIAL	Fly Ash	Silica(Sio2)	IS:1727(CL-5.4)
6	CHEMICAL- BUILDING MATERIAL	Hydrated Lime	Alumina Oxide	S:1514(CL-11.2.2)
7	CHEMICAL- BUILDING MATERIAL	OPC/PPC/ PSC	Potassium Oxide (K2O)	IS:4032(CL-4.11)
8	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast-furnace	Magnesia as MgO	IS:4032(CL-4.8.2)(EDTA Method)
9	CHEMICAL- BUILDING MATERIAL	OPC/PPC/ PSC	Chloride	IS:4032
10	CHEMICAL- BUILDING MATERIAL	Admixture	Ash content	IS:9103(Annex-E)(CL-E2)
11	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride	IS:6925 CL-3
12	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride ion content	IS:6925 (CL-3) Turbidity Method(CL-5)
13	CHEMICAL- BUILDING MATERIAL	Admixture	pHvalue	IS:9103(Annex-E)(CL-E5)
14	CHEMICAL- BUILDING MATERIAL	Admixture	Relative density	IS:9103(Annex-E)(CL-E3)
15	CHEMICAL- BUILDING MATERIAL	Carbon Steel Low alloys and plain carbon steel	Chromium	IS:228 (Part-6) (CL-6.1) (Volumetric Method)
16	CHEMICAL- BUILDING MATERIAL	Ceramic tiles	Dimension (Width)	IS 13630 (Part 1)
17	CHEMICAL- BUILDING MATERIAL	Ceramic tiles	Warpage	IS:13630 (Part-1)
18	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregate	AlkaliAggregate Reactivity(Reductionin Alkalinity)	IS:2386(P-7)(CL-3.9)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI,
TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-12061

Page No

2 of 43

Validity

05/08/2023 to 04/08/2025

Last Amended on

27/06/2024

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	Coarse & Fine Aggregate	Calcium Carbonate	ASTMD-4373(CL-11.1)
20	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregate	Water Soluble Sulphate as SO ₃	IS:4032(CL-4.9)
21	CHEMICAL- BUILDING MATERIAL	Coarse & Fine aggregate	Calcium Carbonate	IS:2720(P-23)(CL-4.1)
22	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregate	Water Soluble Chloride as Cl	IS:4032(CL-4.13)
23	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregate	Water Soluble Chloride as Cl	BSEN:1744(CL-7.5)
24	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregate	Water Soluble Sulphate as SO ₃	BSEN 1744(CL-10.1.5)
25	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregate	Alkali Aggregate Reactivity (Dissolved Silica)	IS:2386(Part-7)(CL-3.7)(Gravimetric method)
26	CHEMICAL- BUILDING MATERIAL	Fly ash	Loss on Ignition	IS:1727(CL-5.3)
27	CHEMICAL- BUILDING MATERIAL	Fly Ash	Alkalies as a Sodiumoxide Na ₂ O	IS:4032(CL-4.11)
28	CHEMICAL- BUILDING MATERIAL	Fly Ash	Chlorides as Cl	IS:4032
29	CHEMICAL- BUILDING MATERIAL	Fly Ash	Alumina(Al ₂ O ₃)	IS:1727(CL-5.7)
30	CHEMICAL- BUILDING MATERIAL	Fly Ash	Magnesia as MgO	IS:1727(CL-5.9):
31	CHEMICAL- BUILDING MATERIAL	Fly Ash	Sodium Oxide (Na ₂ O)	IS:4032(CL-4.11)
32	CHEMICAL- BUILDING MATERIAL	Fly Ash	Soluble Salts	IS:1727(CL-5.11)
33	CHEMICAL- BUILDING MATERIAL	Fly ash	SulphuricAnhydride(SO ₃)	IS:1727(CL-5.10)
34	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast-furnace	AluminaasAl ₂ O ₃	IS:4032(CL-4.6)(Gravimetric Method)
35	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast-furnace	Silica as SiO ₂	IS:4032(CL-4.3)
36	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast-furnace	Sulphuric Anhydride as	IS:4032(CL-4.9)
37	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast-furnace	Calcium Oxide as CaO	IS:4032(CL-4.7.2)(EDTA Method)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI,
TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-12061

Page No

3 of 43

Validity

05/08/2023 to 04/08/2025

Last Amended on

27/06/2024

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	Ground Granulated Blast-furnace	Chloride as Cl	IS:4032(CL-4.13)
39	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast-furnace	Insoluble Residue	IS:4032(CL-4.10)
40	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast-furnace	Iron as Fe ₂ O ₃	IS:4032(CL-4.5.2.2)(Volumetric Method)
41	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast-furnace	Loss on Ignition	IS:4032(CL-4.2)
42	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast-furnace	Potassium Oxide (K ₂ O)	IS:4032 (CL-4.11)
43	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast-furnace	Sodium Oxide(Na ₂ O)	IS:4032(CL-4.11)(Flame Photometric method)
44	CHEMICAL- BUILDING MATERIAL	Hydrated Lime	Carbonate	IS:1514(CL-7.3)
45	CHEMICAL- BUILDING MATERIAL	Hydrated Lime	Iron oxide	IS:1514(CL-11.2.1)
46	CHEMICAL- BUILDING MATERIAL	Hydrated Lime	Acid insoluble Matter as SiO ₂	IS:1514 (CL-10.2)
47	CHEMICAL- BUILDING MATERIAL	Hydrated Lime	Available lime as CaO	IS:1514(CL-9.2.2)
48	CHEMICAL- BUILDING MATERIAL	Hydrated Lime	Available lime as CaOH	IS:1540 P-2 CL- Calculation
49	CHEMICAL- BUILDING MATERIAL	Hydrated Lime	Magnesium Oxide	IS:1514 (CL-13.1A)
50	CHEMICAL- BUILDING MATERIAL	OPC/PPC/ PSC	Alumina as Al ₂ O ₃	IS:4032(CL-4.6.1)Gravimetric Method)
51	CHEMICAL- BUILDING MATERIAL	OPC/PPC/ PSC	Calcium Oxide as CaO	IS:4032(CL-4.7.2):(EDTA Method)
52	CHEMICAL- BUILDING MATERIAL	OPC/PPC/ PSC	Ferric Oxide Fe ₂ O ₃	IS:4032(CL-4.5.2)(EDTA Method)
53	CHEMICAL- BUILDING MATERIAL	OPC/PPC/ PSC	Insoluble Residue	IS:4032(CL-4.10)
54	CHEMICAL- BUILDING MATERIAL	OPC/PPC/ PSC	Loss on Ignition	IS:4032(CL-4.2)
55	CHEMICAL- BUILDING MATERIAL	OPC/PPC/ PSC	Magnesia as MgO	IS:4032(CL-4.8.2)(EDTA Method)
56	CHEMICAL- BUILDING MATERIAL	OPC/PPC/ PSC	Magnesia as MgO	IS4032(CL-7.2.1) (Gravimetric Method)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	4 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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- BUILDING MATERIAL	OPC/PPC/ PSC	Manganic Oxide (MnO)	IS:4032(CL-6.10)
58	CHEMICAL- BUILDING MATERIAL	OPC/PPC/ PSC	Silica as(SiO ₂)	IS:4032(CL-4.3)
59	CHEMICAL- BUILDING MATERIAL	OPC/PPC/ PSC	SodiumOxide(Na ₂ O)	IS:4032(CL-4.11)
60	CHEMICAL- BUILDING MATERIAL	OPC/PPC/ PSC	Sulphur as Sulphide(S)	IS:4032(CL-6.12)
61	CHEMICAL- BUILDING MATERIAL	OPC/PPC/ PSC	Sulphuric anhydride as SO ₃	IS:4032(CL-4.9)
62	CHEMICAL- BUILDING MATERIAL	Stainless Steel	Carbon(C)	IS:228(Part-1)(CL-5.1) (VolumetricMethod)
63	CHEMICAL- BUILDING MATERIAL	Stainless Steel	Manganese	IS:228(Part-2)(CL-4.3)(Arsenite Method)
64	CHEMICAL- BUILDING MATERIAL	Stainless Steel	Nickel	IS:228(Part-5)(CL-6.1) (GravimetricMethod)
65	CHEMICAL- BUILDING MATERIAL	Stainless Steel	Phosphorous(P)	IS:228(Part-5)(CL-5) (AlkalimetricMethod)
66	CHEMICAL- BUILDING MATERIAL	Stainless Steel	Silicon(Si)	IS:228(Part-8)(CL-4.3.1) (GravimetricMethod)
67	CHEMICAL- BUILDING MATERIAL	Stainless Steel	Sulphur(S)	IS:228(Part-9)(CL-5.3.1) (EvolutionMethod)
68	CHEMICAL- BUILDING MATERIAL	Thermoplastic Road Marking Material	CalciumCarbonate (CaCO ₃)& Inert Fil ers	ASTMD:4797-88(CL-12.1)
69	CHEMICAL- BUILDING MATERIAL	Thermoplastic Road Marking Material	Titanium Dioxide(TiO ₂)	ASTMD:4797-88(CL-12.1)
70	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Galvanized Article	Anodic coating	IS:5523(CL-2.3.4) (stripping method)
71	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Galvanized Article	Mass of zinc coating	IS:6745(CL-5.2)
72	CHEMICAL- METALS & ALLOYS	Carbon Steel Medium/high al loys steel	Silicon	IS:228(Part-8)(CL-4.3.4) (GravimetricMethod)
73	CHEMICAL- METALS & ALLOYS	Carbon Steel Low alloys and plain carbon steel	Carbon	IS:228(Part-1)(CL-5.1)(VolumetricMethod)
74	CHEMICAL- METALS & ALLOYS	Carbon Steel Low alloys and plain carbon steel	Chromium	IS:228 (Part-6) (CL-6.1) (Volumetric Method)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	5 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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
75	CHEMICAL- METALS & ALLOYS	Carbon Steel Low alloys and plain carbon steel	Manganese	IS:228(Part-2)(CL-4.3)(Arsenite Method)
76	CHEMICAL- METALS & ALLOYS	Carbon Steel Low alloys and plain carbon steel	Nickel	IS:228(Part-5)(CL-6.1)(GravimetricMethod)
77	CHEMICAL- METALS & ALLOYS	Carbon Steel Low alloys and plain carbon steel	Phosphorous	IS:228(Part-3)(CL-5) (AlkalimetricMethod)
78	CHEMICAL- METALS & ALLOYS	Carbon Steel Low alloys and plain carbon steel	Silicon	IS:228(Part-8)(CL-4.3.1) GravimetricMethod)
79	CHEMICAL- METALS & ALLOYS	Carbon Steel Low alloys and plain carbon steel	Sulphur	IS:228(Part-9)(CL-5.3.1) (EvolutionMethod)
80	CHEMICAL- METALS & ALLOYS	Carbon Steel Medium/high alloys steel	Carbon	IS:228(Part-1)(CL-5.3) (VolumetricMethod)
81	CHEMICAL- METALS & ALLOYS	Carbon Steel Medium/high alloys steel	Chromium	IS:228(Part-6)(CL-6.1) (VolumetricMethod)
82	CHEMICAL- METALS & ALLOYS	Carbon Steel Medium/high alloys steel	Manganese	IS:228(Part-2)(CL-4.3)(Arsenite Method)
83	CHEMICAL- METALS & ALLOYS	Carbon Steel Medium/high alloys steel	Nickel	IS:228(Part-5)(CL-6.1) (GravimetricMethod):
84	CHEMICAL- METALS & ALLOYS	Carbon Steel Medium/high alloys steel	Phosphorous	IS:228(Part-3)(CL-6.1) (AlkalimetricMethod)
85	CHEMICAL- METALS & ALLOYS	Carbon Steel Medium/high alloys steel	Molybdenum	IS:228(Part-7)(CL-5.3)(Alpha-benzoinoximeMethod)
86	CHEMICAL- METALS & ALLOYS	Carbon Steel Medium/high alloys steel	Sulphur	IS:228(Part-9)(CL-5.3.1) (Evolution Method)
87	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Sediments	Available Nitrogen	SOPNo.RTCPL/SOP/02
88	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Sediments	Available chloride	SOP NO RTCPL/SOP/06
89	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Sediments	Available Phosphorus	SOPNo.RTCPL/SOP/01
90	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Sediments	Available Potassium	SOPNo.RTCPL/SOP/04
91	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Sediments	Available Sodium	SOPNo.RTCPL/SOP/03
92	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Sediments	Organic Carbon	IS:2720 (Part 22)(CL-6.1)
93	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Sediments	pH value at 25°C	IS:2720(Part 26) (CL-2.4):



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	6 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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
94	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Sediments	Specific conductance	IS : 14767 7(CL-7):
95	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Sediments	Total Kjeldhal Nitrogen	IS:14684 (CL-3.3.1):
96	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Sediments	Water Content	IS 2720(Part 2)) (CL-5.1) (Ovendrying method)
97	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Sediments	Exchange able calcium	SOPNo.RTCPL/SOP/05
98	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Wate (Efluent/Sewage)	Phosphorus(asP)	IS:3025 (Part-31) ((Sec-1,CL-5.5) (Stannous chloride method):
99	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Efluent/Sewage)	Alkalinity (asCaCO3)	IS:3025(Part-23)(CL-10.1) (Indicator method)
100	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Efluent/Sewage)	Biochemical Oxygen Demand (3 day sat 27°C)	IS:3025(Part-44)CL-9.0)
101	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Efluent/Sewage)	Calcium(asCa)	IS:3025(Part-40)(CL-5.5) (EDTAtitrimetricmethod)
102	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Efluent/Sewage)	Conductivity	IS:3025(Part-14)(CL-6.0)
103	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Efluent/Sewage)	Totals suspended Solids Dried at103€"105°C	IS:3025(Part-17)(CL-6.0) (Gravimetric method):
104	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Efluent/Sewage)	Chloride	IS:3025(Part-32)(CL-2.5) (Argentometricmethod)
105	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Efluent/Sewage)	Nitrate,Nitrogen(asNO3)	IS:3025(Part-34)(CL-3.3.5) (Chromotropicacidmethod)
106	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Efluent/Sewage)	Total Dissolved Solids Dried at103€"105°C	IS:3025(Part-16)(CL- 7.0):
107	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Efluent/Sewage)	Acidity(asCaCO3)	IS:3025(Part-22)(CL-8.1) (Indicator method)
108	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Efluent/Sewage)	Chemical Oxygen Demand	IS:3025(Part-58)(CL-9.1)
109	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Efluent/Sewage)	Disolved Oxygen	IS:3025(Part-38)) (CL4.1.5)(Winkler method):
110	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Efluent/Sewage)	Odour	IS:3025(Part-5)(CL- 4.1)
111	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Efluent/Sewage)	pHValue	IS:3025(Part-11)(CL-2.6)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	7 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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
112	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/Sewage)	Sulphate as SO ₄	IS:3025(Part-24/Sec-1)(CL-5.7):
113	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/Sewage)	Total Nitrogen	IS:3025(Part-34)(CL-5.2.4) (Macro kjeldahl method)
114	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/Sewage)	Total solid	IS:3025(Part-15)(CL- 8.0) (Gravimetric method)
115	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/Sewage)	Ammonical Nitrogen(asN)	IS:3025(Part-34)(CL-2.5.4) (Titrimetricmethod)
116	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/Sewage)	Colour	IS:3025(Part-4) (CL-4.7) (Platinum cobalt method):
117	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/Sewage)	Nitrite,Nitrogen(asNO ₂)	IS:3025(Part-34)(CL-4.0)
118	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/Sewage)	Oil & Grease	IS:3025(Part-39)(CL-5.5)(Partiti on-Gravimetric method)
119	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/Sewage)	Silica (asSiO ₂)	IS:3025(Part-35)(CL-3.5) (Molybdosilicatemethod)
120	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/Sewage)	Total Hardness as CaCO ₃	IS:3025(Part-21)(CL-5.4): (EDTAMethod)
121	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/Sewage)	Turbidity	IS:3025(Part-10)(CL-9.0):
122	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/Sewage)	Volatile and Fixed and Solid sat 550°C	IS:3025(Part-18)(CL-6.0) (Gravimetricmethod)
123	CHEMICAL- RUBBER & RUBBER PRODUCTS	Vulcanized Rubber	Ash Content	ASTMD 297
124	CHEMICAL- RUBBER & RUBBER PRODUCTS	Vulcanized Rubber	Polymer Content	IS:3400(Part-22)(CL-4.1)
125	CHEMICAL- SOIL AND ROCK	Bentonite	pHvalue	IS:6186 (CL-3.1)
126	CHEMICAL- SOIL AND ROCK	Soil	Calcium Carbonate	IS:2720 (Part-23)
127	CHEMICAL- SOIL AND ROCK	Soil	Nitrogen(N)	IS:14684(CL-3.3.1)
128	CHEMICAL- SOIL AND ROCK	Soil	Organic Carbon	IS:2720(P-22)(CL-6.1)(Volumetric method)
129	CHEMICAL- SOIL AND ROCK	Soil	pH Value	IS:2720(Part-26)
130	CHEMICAL- SOIL AND ROCK	Soil	Phosphorous(P ₂ O ₅)	SOPNo.RTCPL/SOP/01



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI,
TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-12061

Page No

8 of 43

Validity

05/08/2023 to 04/08/2025

Last Amended on

27/06/2024

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
131	CHEMICAL- SOIL AND ROCK	Soil	Potassium	SOPNo.RTCPL/SOP/04:
132	CHEMICAL- SOIL AND ROCK	soil	Soluble Chlorides as Cl	BS:1377(Part-3)(CL-7.2)
133	CHEMICAL- SOIL AND ROCK	Soil	Soluble Solids	IS:2720(Part-21)(CL-2.2.1)
134	CHEMICAL- SOIL AND ROCK	Soil	Soluble Sulphate as SO ₃	IS:2720(Part-27)(CL-2.5)
135	CHEMICAL- SOIL AND ROCK	Soil	Soluble Sulphate	IS:2720(Part-27)(CL-2.5)
136	CHEMICAL- SOIL AND ROCK	Soil	Water Content	IS:2720(Part-2)(CL-5.1)(oven-drying method)
137	CHEMICAL- WATER	Drinking Water	Ammonia	IS:3025(Part-34)(CL-2.5.4)
138	CHEMICAL- WATER	Drinking Water	Boron	IS:3025(Part-57)(CL-6.4)(Curcumin Method)
139	CHEMICAL- WATER	Drinking Water	Calcium	IS:3025(Part-40)(CL-5.5)(EDTA Titrimetric Method)
140	CHEMICAL- WATER	Drinking Water	Chloride	IS:3025(Part-32)(CL-2.5)(Argentometric method)
141	CHEMICAL- WATER	Drinking Water	Colour	IS:3025(Part-4)(CL-2.7)(Platinum cobalt method)
142	CHEMICAL- WATER	Drinking Water	Fluoride	IS:3025(Part-60)(CL-5.6)(zirconium-alizarin method without distillation)
143	CHEMICAL- WATER	Drinking Water	Magnesium	IS:3025(Part-46)(CL-6.6.3)(Volumetric method using EDTA)
144	CHEMICAL- WATER	Drinking Water	Nitrate	IS:3025(Part-34)(CL-3.3.5)(Chromotropic Acid Method)
145	CHEMICAL- WATER	Drinking Water	Odour(Smell)	IS:3025(Part-5)(CL-3.1)
146	CHEMICAL- WATER	Drinking Water	pH Value at 25 degree C	IS:3025(Part-11)(CL-2.6)(Electrometric method)
147	CHEMICAL- WATER	Drinking Water	Phenolic Compounds	IS:3025(Part-43)(CL-6.6)(4 Aminoantipyrine Method With Chloroform Extraction)
148	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine	IS:3025(Part-26)(CL-5.4.1)(Iodometric method):



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI,
TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-12061

Page No

9 of 43

Validity

05/08/2023 to 04/08/2025

Last Amended on

27/06/2024

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
149	CHEMICAL- WATER	Drinking Water	Silica (as SiO ₂)	IS:3025(Part35)(CL-3.5)(Molybdosilicate method)
150	CHEMICAL- WATER	Drinking Water	Sulphate	IS3025(Part-24)(CI-4.8)(Turbidity method)
151	CHEMICAL- WATER	Drinking Water	Sulphide	IS:3025(Part-29)(CL-3.4)(MethyleneBlueMethod)
152	CHEMICAL- WATER	Drinking Water	Taste	IS:3025(Part-7)(CL-3)
153	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS:3025 (Part-23)(CL-8.1)(Indicator method)
154	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS:3025(Part-16)(CI-6.0)
155	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids at 180 degree C	IS:3025(Part-16)(CL-6.0)
156	CHEMICAL- WATER	Drinking Water	Total Hardness	IS:3025(Part-21)(CL-5.4)(EDTA Method)
157	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025(Part-10)(CL-7.0)
158	CHEMICAL- WATER	Ground Water	Colour	IS:3025(Part-4)(CL-2.7)(Platinumcobalt method)
159	CHEMICAL- WATER	Ground Water	Acidity (as CaCO ₃)	IS:3025(Part-22)(CL-8.1)
160	CHEMICAL- WATER	Ground Water	Alkalinity (as CaCO ₃)	IS:3025(Part-23)(CL-10.1)(Indicator method)
161	CHEMICAL- WATER	Ground Water	Boron(as B)	IS:3025(Part-57)(CL-6.4)(Calorimetric Curcumin Method)
162	CHEMICAL- WATER	Ground Water	Calcium(asCa)	IS:3025(Part40)(CL-5.5)(EDTA titrimetric method):
163	CHEMICAL- WATER	Ground Water	Chloride	IS:3025(Part-32)(CL-2.5)(Argentometric method)
164	CHEMICAL- WATER	Ground Water	Chlorine,Residual	IS:3025(Part-26)(CL-5.4.1)(Iodometric method)
165	CHEMICAL- WATER	Ground Water	Copper	IS:3025(Part 42))(CL-5.5) (Neocuproine method) :
166	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	IS:3025(Part-38)(CL-4.2.3)(Winkler method)
167	CHEMICAL- WATER	Ground Water	Fixed Solid	IS:3025(Part-18)(CL-7.0)(Gravimetric method)
168	CHEMICAL- WATER	Ground Water	Fluoride (asF)	IS:3025(Part-60)(CL-5.6)(zirconium alizarin reagent)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	10 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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
169	CHEMICAL- WATER	Ground Water	Iron(asFe)	IS:3025(Part-53)(CL-6.5) (1,10 Phenanthroline method)
170	CHEMICAL- WATER	Ground Water	Manganese	IS:3025(Part-59)
171	CHEMICAL- WATER	Ground Water	Nitrite,Nitrogen(asN02)	IS:3025(Part-34))(CL-4.6)
172	CHEMICAL- WATER	Ground Water	Odour	IS:3025(Part-5)(CL-4.1)
173	CHEMICAL- WATER	Ground Water	Phenol C6H5OH	IS:3025(Part-43)(CL-6.6)(4 Aminoantipyrine Method With Chloroform Extraction)
174	CHEMICAL- WATER	Ground Water	Phosphorus(as P)	IS:3025(Part-31)(CL-4.5)(Stannous chloride method)
175	CHEMICAL- WATER	Ground Water	pHValue	IS:3025(Part-11)(CL-2.6)(Electrometric method)
176	CHEMICAL- WATER	Ground Water	Potassium(as K)	IS:3025(Part-45)(CL-5.5)(Flame photometry method)
177	CHEMICAL- WATER	Ground Water	Silica (as SiO2)	IS:3025(Part-35)(CL-3.5) (Molybdosilicate Method)
178	CHEMICAL- WATER	Ground Water	Sodium(asNa)	IS:3025(Part-45)(CL-5.5)(Flame photometry method)
179	CHEMICAL- WATER	Ground Water	Specific Conductivity	IS:3025(Part-14)(CL-6.0)
180	CHEMICAL- WATER	Ground Water	Sulphate (asSO4)	IS:3025(Part-24)Part-24)(Sec-1/ Cl5.7)(Turbidity method):
181	CHEMICAL- WATER	Ground Water	Taste	IS:3025(Part-7)(CL-3)
182	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	IS:3025(Part-16)(CL-7.0)
183	CHEMICAL- WATER	Ground Water	Total Hardness (as CaCO3)	IS:3025(Part-21)(CL-5.4)(EDTA Method)
184	CHEMICAL- WATER	Ground Water	Total Nitrogen	IS:3025(Part-34)(CL-5.2.4)(Macrokjeldhal method)
185	CHEMICAL- WATER	Ground Water	Total Residual Chlorine	IS:3025(Part-26)(CL-5.4.1) (Iodometric method)
186	CHEMICAL- WATER	Ground Water	Total Suspended Solids	IS:3025(Part-17)(CL-6.0) (Gravimetric method):
187	CHEMICAL- WATER	Ground Water	TotalResidue,(Total solid dissolved and suspended)	IS:3025(Part-15))(CL-8.0) (Gravimetric method)
188	CHEMICAL- WATER	Ground Water	Turbidity	IS:3025(Part-100)(CL- 9.0):
189	CHEMICAL- WATER	Ground Water	Volatile Solid	IS:3025(Part-18)(CL- 7.0) (Gravimetric method)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-12061

Page No

11 of 43

Validity

05/08/2023 to 04/08/2025

Last Amended on

27/06/2024

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- WATER	GroundWater	Ammonical Nitrogen(asN)	IS:3025(Part-34)(CL-2.5.4)(Titrimetric method)
191	CHEMICAL- WATER	Packaged Drinking Water	Phenolic Compounds(as C ₆ H ₅ OH)	IS:3025(Part-43)(CL-6.6)(4 Aminoantipyrine Method Withchloroform Extraction) 1
192	CHEMICAL- WATER	Packaged Drinking Water	Alkalinity	IS:3025(Part-23)) (CL-10.1) (Indicator method):
193	CHEMICAL- WATER	Packaged Drinking Water	Boron(asB)	IS:3025(Part57)(CL-6.4) (Carmine Method):
194	CHEMICAL- WATER	Packaged Drinking Water	Calcium(asCa)	IS:3025(Part-40)(CL-5.5)(EDTA titrimetric method)
195	CHEMICAL- WATER	Packaged Drinking Water	Chloride(asCl)	IS:3025(Part-32)(CL-2.5)(Argentometric method)
196	CHEMICAL- WATER	Packaged Drinking Water	Colour	IS:3025(Part-4)(CL-2.7) (Platinumcobalt method)
197	CHEMICAL- WATER	Packaged Drinking Water	Copper	IS:3025(Part-42)
198	CHEMICAL- WATER	Packaged Drinking Water	Fluoride(asF)	IS:3025(Part-60)(CL-5.6) (Zirconium Alizarin Method Withoutdistillation)
199	CHEMICAL- WATER	Packaged Drinking Water	Hexavalent Chromium(asCr+6)Chromium(asCr)	IS:3025(Part-52)(CL-6.5) (Diphenylcarbazide method)
200	CHEMICAL- WATER	Packaged Drinking Water	Iron	IS:3025(Part-53)(CL-6.5)(1,10 Phenanthroline method)
201	CHEMICAL- WATER	Packaged Drinking Water	Magnesium (as Mg)	IS:3025(Part-46) (CL- 5.5.4) (Volumetric method using EDTA):
202	CHEMICAL- WATER	Packaged Drinking Water	Nitrite,Nitrogen(asN02)	IS:3025(Part-34)((CL- 4.6):
203	CHEMICAL- WATER	Packaged Drinking Water	Odour	IS:3025(Part-5))((CL- 4.1):
204	CHEMICAL- WATER	Packaged Drinking Water	pH Value	IS:3025(Part-11)(CL-2.6) (Electrometric method)
205	CHEMICAL- WATER	Packaged Drinking Water	Phosphorus(asP)	IS:3025(Part -31) (Sec-1/CL4.5)(Stannous chloride method):
206	CHEMICAL- WATER	Packaged Drinking Water	Potassium (asK)	IS:3025(Part-45)(CL- 5.5)(Flamephotometry method)
207	CHEMICAL- WATER	Packaged Drinking Water	Residual Free Chloride	IS:3025(Part-26)(CL-5.4.1) (Iodometric method):



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	12 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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
208	CHEMICAL- WATER	Packaged Drinking Water	Sodium(asNa)	IS:3025(Part-45)(CL-5.5)(Flame photometry method)
209	CHEMICAL- WATER	Packaged Drinking Water	Sulphate(asSO4)	IS:3025(Part-24)(Sec-1/CI5.7)(Turbidity method)
210	CHEMICAL- WATER	Packaged Drinking Water	Taste	IS:3025(Part-7) (CL-3.0)
211	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved Solids	IS:3025(Part-16) (CL- 7.0):
212	CHEMICAL- WATER	Packaged Drinking Water	Total Hardness (as CaCO3)	IS:3025(Part-21)(CL-5.4)(EDTA method)
213	CHEMICAL- WATER	Packaged Drinking Water	Total Residual Chlorine	IS:3025(Part-26)(CL-5.4.1) (Iodometric method)
214	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	IS:3025(Part-10)(CL-7)
215	CHEMICAL- WATER	Reagent grade Water	Colour Retention by KMnO4	IS:1070 (Annex A)
216	CHEMICAL- WATER	Reagent grade Water	pH Value	IS:3025(Part-11)(CL-2.6) (Electrometric method)
217	CHEMICAL- WATER	Reagent grade Water	Silica (as SiO2)	IS:3025(Part35)(CL-3.5) (Molybdosilicate method)
218	CHEMICAL- WATER	Reagent grade Water	Specific Conductivity	IS:3025(Part14)(CL-6.0)
219	CHEMICAL- WATER	Reagent grade Water	Total Solid at 105 °C	IS:3025(Part-15)(CL-6.0) (Gravimetric method)
220	CHEMICAL- WATER	Surface Water	Specific Conductivity	IS:3025(Part-14)(CL-6.0)
221	CHEMICAL- WATER	Surface Water	Acidity (asCaCO3)	IS:3025(Part-22)(CL-8.1) (Indicator method)
222	CHEMICAL- WATER	Surface Water	Alkalinity (asCaCO3)	IS:3025(Part-23) (CL-10.1) (Indicator method):
223	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen(asN)	IS:3025(Part-34)(CL- 2.5.4)(Titrimetric method)
224	CHEMICAL- WATER	Surface Water	Boron (as B)	IS:3025(Part57)(CL-6.4) (Calorimetric Curcumin Method)
225	CHEMICAL- WATER	Surface Water	Calcium(asCa)	IS:3025(Part-40) (CL- 5.5)(EDTA titrimetric method)
226	CHEMICAL- WATER	Surface Water	Chlorine,Residual	IS:3025(Part-26)(CL-5.4.1) (Iodometric method)
227	CHEMICAL- WATER	Surface Water	Chromium(asCr+6)	IS:3025(Part-52)(CL-6.5) (Diphenylcarbazide method)
228	CHEMICAL- WATER	Surface Water	Colour	IS:3025(Part-4)(CL- 4.7) (Platinum cobalt method):



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI,
TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-12061

Page No

13 of 43

Validity

05/08/2023 to 04/08/2025

Last Amended on

27/06/2024

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
229	CHEMICAL- WATER	Surface Water	Copper	IS:3025(Part42)CL- 5.5) (Neocuproine method):
230	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	IS:3025(Part-38)(CL- 4.2.3) (Winkler method)
231	CHEMICAL- WATER	Surface water	Fixed Soil	IS:3025(Part-18)(CL- 7.0) (Gravimetric method):
232	CHEMICAL- WATER	Surface water	Fluoride (asF)	IS:3025(Part-60)(CL-5.6) (Zirconium Alizarin method without distillation)
233	CHEMICAL- WATER	Surface Water	Iron(asFe)	IS:3025(Part-53)(CL-6.5)(1,10 Phenanthroline method)
234	CHEMICAL- WATER	Surface Water	Magnesium(asMg)	IS:3025(Part-46) (CL- 5.5.4) (Volumetric method using EDTA):
235	CHEMICAL- WATER	Surface Water	Manganese	IS:3025(Part-59)
236	CHEMICAL- WATER	Surface water	Nitrite,Nitrogen(asN02)	IS:3025(Part-34)(CL- 4.6):
237	CHEMICAL- WATER	Surface Water	Odour	IS:3025(Part-5)(CL- 4.1):
238	CHEMICAL- WATER	Surface water	Phenolas C6H5OH	IS:3025(Part-43)Sec-1/CL- 6.6) (4 Aminoantipyrene method with chloroform extraction):
239	CHEMICAL- WATER	Surface Water	Phosphorus(asP)	IS:3025(Part-31)(Sec-1/CL- 5.5) (Stannous chloride method):
240	CHEMICAL- WATER	Surface Water	pHValue	IS:3025(Part-11) (CL-2.6) (Electrometric method)
241	CHEMICAL- WATER	Surface water	Potassium (as K)	IS:3025(Part-45)(CL- 5.5)(Flamephotometry method)
242	CHEMICAL- WATER	Surface Water	Silica(asSiO2)	IS:3025(Part-35)(CL-3.5) (Molybdosilicate method)
243	CHEMICAL- WATER	Surface Water	Sodium(asNa)	IS:3025(Part-45)(CL- 5.5)(Flamephoto metry method)
244	CHEMICAL- WATER	Surface Water	Sulphate(asSO4)	IS:3025(Part-24) (Sec-1/CL-5.7) (Turbidity method):
245	CHEMICAL- WATER	Surface Water	Taste	IS:3025(Part-7)(CL-3.0)
246	CHEMICAL- WATER	Surface water	Temperature	IS:3025(Part-9)(CL- 5.0):
247	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	IS:3025(Part16)(CL- 7.0):
248	CHEMICAL- WATER	Surface Water	Total Hardness (asCaCO3)	IS:3025(Part-21)(CL-5.4) (EDTA method)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	14 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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
249	CHEMICAL- WATER	Surface water	Total Nitrogen	IS:3025(Part-34)(CL-5.2.4) (Macrokjeldhal method)
250	CHEMICAL- WATER	Surface Water	Total Residue,(Total solid dissolved and suspended)	IS:3025(Part-15)(CL-6.0) (Gravimetric method)
251	CHEMICAL- WATER	Surface Water	Total suspended Solids	IS:3025(Part-17)(CL-4.0) (Gravimetricmethod)
252	CHEMICAL- WATER	Surface water	Turbidity	IS:3025(Part-10) (CL- 9.0):
253	CHEMICAL- WATER	Surface Water	Volatile Solid	IS:3025(Part-18)(CL-6.0) (Gravimetric method)
254	CHEMICAL- WATER	Water for construction purpose	Chloride	IS:3025(Part-32)(CL-2.5)
255	CHEMICAL- WATER	Water for construction purpose	Inorganic Solids	IS:3025(Part-18)(CL-7.0)
256	CHEMICAL- WATER	Water for construction purpose	Neutralization value 0.02N (NaOH), per100ml of sample (Alkalinity)	IS:3025(Part-23) (CL- 10.1):
257	CHEMICAL- WATER	Water for construction purpose	Neutralization value 0.02N(H ₂ SO ₄), per100 mlof sample(Acidity)	IS:3025(Part-22) (CL-8.1)
258	CHEMICAL- WATER	Water for construction purpose	Organic Solids	IS:3025(Part-18)) (CL- 7.0)
259	CHEMICAL- WATER	Water for construction purpose	pH value at 25 °C	IS:3025(Part-11)(CL-2.6)
260	CHEMICAL- WATER	Water for construction purpose	Sulphate	IS:3025(Part-24)(CL-5.7) (Turbidity method)
261	CHEMICAL- WATER	Water for construction purpose	Sulphate as SO ₄	IS:3025part(24/sec 1) (CL-4.8) (Gravimetric Method)
262	CHEMICAL- WATER	Water for construction purpose	Sulphate	IS:3025(Part-24)(CL-4.8)(Gravimetric method)
263	CHEMICAL- WATER	Water for construction purpose	Suspended Matter	IS:3025(Part-17)(CL-6.0)
264	CHEMICAL- WATER	Water for construction purpose	Total Dissolved Solids	IS:3025:Part-16(CL-7.0):
265	CHEMICAL- WATER	Water for Swimming Pool	Colour	IS:3025(Part-4)(CL- 4.7) (Platinum cobalt method):
266	CHEMICAL- WATER	Water for Swimming Pool	Odour	IS:3025(Part-5) (CL- 4.1):
267	CHEMICAL- WATER	Water for Swimming Pool	Oxygen absorbed 4 hours at 37°C	IS:3025(Part-63)(CL-10.0)
268	CHEMICAL- WATER	Water for Swimming Pool	pHValue	IS:3025(Part-11)(CL-2.6) (Electrometric method)
269	CHEMICAL- WATER	Water for Swimming Pool	Total Alkalinity	IS:3025(Part-23)) (CL-10.1) (Indicator method):



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	15 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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
270	CHEMICAL- WATER	Water for Swimming Pool	Total Residual Chlorine	IS:3025(Part-26)(CL-5.4.1) (Iodometric method)
271	CHEMICAL- WATER	Water for Swimming Pool	Turbidity	IS:3025(Part-10)(CL-9.0):
272	MECHANICAL- BUILDINGS MATERIALS	Chemical Grout	Alkali Content	BS:EN 480-1
273	MECHANICAL- BUILDINGS MATERIALS	ACC Block	Bulk Density	IS: 6441 (Part-1)
274	MECHANICAL- BUILDINGS MATERIALS	ACC Block	Dimension - Height	IS: 2185 (Part-3)
275	MECHANICAL- BUILDINGS MATERIALS	ACC Block	Dimension - Length	IS: 2185 (Part-3)
276	MECHANICAL- BUILDINGS MATERIALS	ACC Block	Dimension - Weight	IS: 2185 (Part-3)
277	MECHANICAL- BUILDINGS MATERIALS	Anti stripping Compound	Flash point	1448 (Part-69)
278	MECHANICAL- BUILDINGS MATERIALS	Anti stripping Compound	Flash point	IS: 1209
279	MECHANICAL- BUILDINGS MATERIALS	Anti stripping Compound	Water content	IS: 1211
280	MECHANICAL- BUILDINGS MATERIALS	Anti stripping Compound	Pour point	IS: 1448 (Part-10/Section-2)
281	MECHANICAL- BUILDINGS MATERIALS	Anti stripping Compound	Retained Marshal Stability	MORTH Specification (Appendix-4)
282	MECHANICAL- BUILDINGS MATERIALS	Anti stripping Compound	Specific Gravity 27°C	IS: 1202
283	MECHANICAL- BUILDINGS MATERIALS	Anti stripping Compound	Appearance(Visual)	MORTH Specification (Appendix 4)
284	MECHANICAL- BUILDINGS MATERIALS	Anti stripping Compound	Odour (Smelling)	MORTH Specification (Appendix 4)
285	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Coagulation of emulsion @ low temperature	IS: 8887 (Annexure-C)
286	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Coating ability & water resistance	IS: 8887 (Annexure-F)
287	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Distillation in % volume of distillate recovered at 260°C	ASTM D 244
288	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Distillation in % volume of distillate recovered at 360°C	IS: 1213



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI,
TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-12061

Page No

16 of 43

Validity

05/08/2023 to 04/08/2025

Last Amended on

27/06/2024

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
289	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Ductility	IS: 1208
290	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Particle charge	IS: 8887 (Annexure-E)
291	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue by evaporation	IS: 8887 (Annexure-J)
292	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue on 600 micron IS sieve	IS: 8887 (Annexure-B)
293	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Solubility in trichloroethylene	IS: 1216
294	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Stability to mixing with cement	IS: 8887 (Annexure-G)
295	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Storage stability after 24 hour	IS: 8887 (Annexure-D)
296	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Viscosity by Sayboltfurol viscometer	IS: 8887 (Annexure-A)
297	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Water Content	IS:1211
298	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion (Cationic Type)	Residue at 360°C	IS: 1213
299	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen/Industrial Bitumen	Penetration test	IS1203
300	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Bitumen Content / Binder Content Test	ASTMD: 2172
301	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Boiling Water Test	ASTM D 3625
302	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Density	ASTM D 2726
303	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Gradation	IS: 2386 (Part--1)
304	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshal Flow	ASTM D-6927
305	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshal Stability	ASTM D-6927
306	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Mastic Hardness	IS:1195
307	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Resilient Modulus	ASTM D 4123



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	17 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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
308	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Resilient Modulus	IRC: 37
309	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Rutting Test of Asphalt Mix	AASHTO-T 340
310	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Retained Marsha I Stability	MORTH Specification (Appendix-4)
311	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix/Bituminous Macadam/Dense Bituminous Macadam	Marshal Stability	ASTM D6927
312	MECHANICAL- BUILDINGS MATERIALS	BOLT	Hardness	IS: 1586 (Part- 1)
313	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension - Height	IS: 1077
314	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension - Length	IS: 1077
315	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension - Width	IS: 1077
316	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Compressive Strength	IS: 3495 (Part-1)
317	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks/Fly Ash Building Bricks	Efflorescence	IS: 3495 (Part-3)
318	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks/Fly Ash Building Bricks	Warpage	IS: 3495 (Part-4)
319	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks/Fly Ash Building Bricks	Water Absorption	IS: 3495 (Part-2)
320	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles	Flatness	IS:1237 (Annex B)
321	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles	Perpendicularity	IS:1237 (Annex C)
322	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles	Water Absorption	IS:1237 (Annex E)
323	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles	Dimension (Length, Width, Thickness)	IS:1237 (Clause 7)
324	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles	Wet Transverse Strength	IS:1237 (Annex F)
325	MECHANICAL- BUILDINGS MATERIALS	Cement Treated Sub Base/Cement Treated Base	Soundness by MgSO4	IS: 2386 (Part- 5)
326	MECHANICAL- BUILDINGS MATERIALS	Cement Treated Sub Base/Cement Treated Base	Soundness by Na2SO4	IS: 2386 (Part- 5)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI,
TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-12061

Page No

18 of 43

Validity

05/08/2023 to 04/08/2025

Last Amended on

27/06/2024

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
327	MECHANICAL- BUILDINGS MATERIALS	Cement Treated Sub Base/Cement Treated Base	Grading Sieve(Sieve Size: 4.75mm)	IS: 2386 (Part- 1)
328	MECHANICAL- BUILDINGS MATERIALS	Cement(OPC/PPC/PSC)	Standard Consistency	IS: 4031 (Part--4)
329	MECHANICAL- BUILDINGS MATERIALS	Cement- (OPC/PPC/PSC)	Density	IS: 4031 (Part-11)
330	MECHANICAL- BUILDINGS MATERIALS	Cement- (OPC/PPC/PSC)	Fineness by Blaine Permeability method	IS:4031 (Part-2)
331	MECHANICAL- BUILDINGS MATERIALS	Cement- (OPC/PPC/PSC)	Fineness By Dry Seiving Method	IS:4031 (Part-1)
332	MECHANICAL- BUILDINGS MATERIALS	Cement- (OPC/PPC/PSC)	Soundness by Autoclave expansion method	IS: 4031 (Part-3)
333	MECHANICAL- BUILDINGS MATERIALS	Cement- (OPC/PPC/PSC)	Soundnessby Le-ChatelierExpansion method	IS: 4031 (Part-3)
334	MECHANICAL- BUILDINGS MATERIALS	Cement- (OPC/PPC/PSC)	Final Setting Time	IS: 4031 (Part-5)
335	MECHANICAL- BUILDINGS MATERIALS	Cement- (OPC/PPC/PSC)	Initial Setting Time	IS: 4031 (Part-5)
336	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Bulk Density	IS: 13630 (Part-2)
337	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Chemical Resistance	IS: 13630 (Part-7)
338	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Crazing Resistance	IS: 13630 (Part-9)
339	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Scratch Hardness	IS: 13630 (Part-13)
340	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Surface Quality	IS: 13630 (Part-1)
341	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Thickness	IS: 13630 (Part-1)
342	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Water Absorption	IS: 13630 (Part-2)
343	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Coefficient of Linear Expansion	IS: 13630 (Part-4)
344	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Linear Thermal Expansion	IS: 13630 (Part-4)
345	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Moisture Expansion	IS: 13630 (Part-3)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	19 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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
346	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Resistance to Acid & Alkali	IS: 13630 (Part-8)
347	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Thermal Shock Resistance	IS: 13630 (Part-5)
348	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Dimensions (Length)	IS 13630(Part 1)
349	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Breaking Strength	IS 13630 (Part 6)
350	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Dimension (Width)	IS: 13630 (Part- 1)
351	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Modulus of rupture	IS 13630 (Part-6)
352	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Surface Flatness	IS 13630(Part 1)
353	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Surface Quality	IS 13630
354	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Warpage	IS:13630 (Part 1)
355	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS: 2386 (Part- 4)
356	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS: 2386 (Part-1)
357	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Material Finer than 75 micron IS Sieve	IS: 2386 (Part- 1)
358	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS: 2386 (Part- 3)
359	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% fines value	IS: 2386 (Part- 4)
360	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS: 2386 (Part- 3)
361	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Materials (Clay lumps)	IS: 2386 (Part- 2)
362	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (80 mm to 2.36mm)	IS: 2386 (Part- 1)
363	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS: 2386 (Part- 3)
364	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Petrographic Examination	IS: 2386 (Part- 8, Method-1)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI,
TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-12061

Page No

20 of 43

Validity

05/08/2023 to 04/08/2025

Last Amended on

27/06/2024

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
365	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Impact Value	IS: 2386 (Part- 4)
366	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Material (Coal & Lignite)	IS: 2386 (Part-2)
367	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Materials Clay & Lumps	IS: 2386(Part-2)
368	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Materials Coal & Lignite	IS: 2386(Part-2)
369	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Materials Material Finer than 75 microns IS sieve	IS: 2386(Part-1)
370	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Materials Shale	IS: 2386(Part-2)
371	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Materials Soft Fragments	IS: 2386(Part-2)
372	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS: 2386 (Part- 1)
373	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angeles Abrasion Value	IS: 2386(Part 4)
374	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Polished stone value	BS: 812 (Part- 114)
375	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Polished Stone Value	IS 2386 (Part4)
376	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness by MgSO4	IS: 2386 (Part- 5)
377	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness by Na2SO4	IS: 2386 (Part- 5)
378	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Stripping Value	IS: 6241
379	MECHANICAL- BUILDINGS MATERIALS	Concrete	Pull-out Test (Bond in Reinforcement Concrete)	IS: 2770 (Part-1)
380	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Air content	IS: 1199 (Part-4)
381	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Bleeding	IS: 9103 (Annex D)
382	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Loss Workability	IS: 9103, (Clause 4)
383	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Water content	IS: 9103



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	21 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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
384	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Flow	IS: 9103 (Annex-C)
385	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture Cement & Concrete	Time of setting, allowable deviation from control sample	IS: 8142
386	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture Cement & Concrete	Length change, percent increase over control sample	IS: 9459
387	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture Cement & Concrete	Slump below that of the control mix concrete	IS: 1199 (Part-2)
388	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture Cement & Concrete	Flexural strength, percent of control sample	IS: 516 (Part-4/Section-1)
389	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixtures	Compressive Strength	IS: 516(Part-1 Sec 1)
390	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixtures	Drying Shrinkage	IS: 516(Part-6)
391	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixtures	Moisture Movement	IS: 516(Part-6):
392	MECHANICAL- BUILDINGS MATERIALS	Concrete Kerb	Angle of Kerb	IS: 5758 (Clause -6.1)
393	MECHANICAL- BUILDINGS MATERIALS	Concrete Kerb	Height ofKerb	IS: 5758 (Annexure-B)
394	MECHANICAL- BUILDINGS MATERIALS	Concrete Kerb	Thickness of Kerb	IS: 5758 (Annexure-B)
395	MECHANICAL- BUILDINGS MATERIALS	Concrete Kerb	Water Absorption	IS: 5758 (Annexure-D)
396	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Compressive Strength	IS 15658 Annex D
397	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Surface Drying Time	ASTM C 309 (Clause 10.3)
398	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Viscosity by Ford Cup (B4)	IS: ASTM D 1200
399	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Water Retention	ASTM C: 156
400	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Curing Efficiency	BS 7542
401	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Day Light reflectance	ASTM E: 97
402	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Loss of Mass In 72 Hrs.	BS: 7542



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI,
TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-12061

Page No

22 of 43

Validity

05/08/2023 to 04/08/2025

Last Amended on

27/06/2024

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
403	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Specific Gravity	BS: 7542
404	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS: 2386 (Part- 3)
405	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Materials (Clay lumps)	IS: 2386 (Part- 2)
406	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (10mm to 0.150 mm)	IS: 2386 (Part- 1)
407	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Petrographic Examination	IS: 2386 (Part- 8, Method-1) (Clause-2.1)
408	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Material (Coal & Lignite)	IS: 2386 (Part-2)
409	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Material Coal & Lignite	IS: 2386(Part-2):
410	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Materials Clay & Lumps	IS: 2386(Part-2)
411	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Materials Shale	IS: 2386(Part-2)
412	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Materials Soft Fragments	IS: 2386(Part-2)
413	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Materials Material Finer than 75 microns IS sieve	IS: 2386(Part-1)
414	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material finer than 75 micron	IS: 2386 (Part-1)
415	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Mortar Making Properties (Crushing Strength)	IS: 2386(Part- 6) 2021
416	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sand Equivalent Value	IS: 2720 (Part- 37)
417	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Silt Content	CPWD Method, Appendix-D
418	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by MgSO4	IS: 2386 (Part- 5)
419	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by Na2SO4	IS: 2386 (Part- 5)
420	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS: 2386 (Part- 3)
421	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS: 2386 (Part- 3)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	23 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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
422	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Fineness by Blaine Air Permeability	IS:1727 (Clause 6.1)
423	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Lime Reactivity	IS: 1727 (Clause 9)
424	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Particles Retained on 45 micron	IS: 1727 (Clause 6.2.5)
425	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Soundness by Autoclave Expansion method	IS:1727 (Clause 7)
426	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Specific Gravity	IS: 1727 (Clause 15)
427	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Building Bricks	Dimension - Height	IS:13757
428	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Building Bricks	Dimension - Length	IS:13757
429	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Building Bricks	Dimension - Width	IS:13757
430	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Compaction factor	IS: 1199 (Part- 6)
431	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump	IS: 1199 (Part--2)
432	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Density	IS: 1199 (Part 3)
433	MECHANICAL- BUILDINGS MATERIALS	G I Sheet / HDPE / Sheathing Duct	Dimension (Dia & Thickness)	IRC: 18 APP
434	MECHANICAL- BUILDINGS MATERIALS	GI Sheet / HDPE / Sheathing Duct	Transverse Load Rating Test	MORTH Specification (Clause 1805.6.2, Appendix 1800/I Test B)
435	MECHANICAL- BUILDINGS MATERIALS	GI Sheet / HDPE / Sheathing Duct	Water loss test	MORTH Specification (Clause 1805.6.2, Appendix 1800/I Test D)
436	MECHANICAL- BUILDINGS MATERIALS	GI Sheet / HDPE / Sheathing Duct	Workability	MORTH Specification (Clause 1805.6.2, Appendix 1800/I Test)
437	MECHANICAL- BUILDINGS MATERIALS	GI Sheet / HDPE Sheathing Ducts	Load tension	MORTH Specification (Clause 1805.6.2, Appendix 1800/I Test C)
438	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Grading (Sieve Size: 4.75mm to 63mm)	IS: 2386 (Part- 1)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI,
TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-12061

Page No

24 of 43

Validity

05/08/2023 to 04/08/2025

Last Amended on

27/06/2024

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
439	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Water Absorption	IS: 2386 (Part- 3)
440	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Wet Aggregate Impact Value	IS: 5640
441	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Aggregate Impact Value	IS: 2386 (Part- 4)
442	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Grading (Sieve Size: 4.75mm to 63mm)	MORTH Specification (Table 400-1)
443	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag	Moisture Content	IS 16714 , Annex-B
444	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag	Slag Activity Index (At 28 days w.r.t. control sample)	IS 16714
445	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag	Slag Activity Index (At 7 days w.r.t. control sample)	IS 16714
446	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Slag	Fineness by Blaine Air Permeability Method	IS:4031 (Part--2)
447	MECHANICAL- BUILDINGS MATERIALS	Grouting Mix	Bleeding	IS: 9103
448	MECHANICAL- BUILDINGS MATERIALS	Grouting Mix	Flowability	BSEN: 445
449	MECHANICAL- BUILDINGS MATERIALS	Grouting Mix	Setting Time	ASTM C: 403
450	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Drying Shrinkage	IS 516 (Part 6)
451	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Initial Surface Absorption	IS: 516(Part- 2/Sec- 2)
452	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Depth of water Penetration under pressure	DIN: 1048 (Part-5)
453	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Depth of Penetration of water under pressure	IS: 516 (Part-2/Section-1)
454	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Flexural Strength	IS: 516 (Part- 1/ Section-1)
455	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516 (Part 1/Sec 1)
456	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength by Accelerated curing	IS 9013
457	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Rapid Chloride Penetration test	ASTM C-1202



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	25 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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
458	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement (33, 43,53 Grades)	Compressive Strength	IS 4031 (Part-6)
459	MECHANICAL- BUILDINGS MATERIALS	Paver block	Water absorption	IS: 15658 (Annex-C)
460	MECHANICAL- BUILDINGS MATERIALS	Paver block	Dimension (Thickness)	IS: 15658 (Annexure-B)
461	MECHANICAL- BUILDINGS MATERIALS	Paver block	Flexural Strength	IS: 15658 (Annexure-G)
462	MECHANICAL- BUILDINGS MATERIALS	Paver block	Thickness of wearing layer	IS: 15658 (Clause No.7.2)
463	MECHANICAL- BUILDINGS MATERIALS	Paver block	Visual inspection	IS: 15658 (Clause No.7.2)
464	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Absolute Viscosity at 60°C	IS: 1206 (Part-2) 2022
465	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Ductility TFOT	IS: 1201 to 1220
466	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Solubility in trichloroethylene	IS: 1216
467	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Specific Gravity	IS: 1202
468	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Flashpoint	IS: 1209
469	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Kinematic Viscosity at 135°C	IS: 1206 (Part-3)
470	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Penetration	IS: 1203
471	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Softening Point	IS: 1205
472	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Viscosity Ratio at 60°C	IS: 1206 (Part-2)
473	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Flashpoint (COC)	IS: 1448 (Part-69)
474	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Pour Point	IS: 1448 (Part- 10/Section-1)
475	MECHANICAL- BUILDINGS MATERIALS	Poly Sulphide Sealent	Mass Change at 48 hrs	BS 5212 (Part- 3)
476	MECHANICAL- BUILDINGS MATERIALS	Poly Sulphide Sealent	Mass Loss(@7 degree C/14 days)	BS 5212 (Part- 3)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	26 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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
477	MECHANICAL- BUILDINGS MATERIALS	Poly Sulphide Sealent	Penetration After Ageing	BS 5212 (Part- 3)
478	MECHANICAL- BUILDINGS MATERIALS	Poly Sulphide Sealent	Penetration Before Ageing	BS 5212 (Part- 3)
479	MECHANICAL- BUILDINGS MATERIALS	Poly Sulphide Sealent	Physical Appearance	BS 5212 (Part- 3)
480	MECHANICAL- BUILDINGS MATERIALS	Poly Sulphide Sealent	Resistance to Plastic Flow(60 degree Celcius /5hrs./75 degree angle)	BS 5212 (Part- 3)
481	MECHANICAL- BUILDINGS MATERIALS	Poly Sulphide Sealent	Track Free Condition(RT @16hrs.)	BS 5212 (Part- 3)
482	MECHANICAL- BUILDINGS MATERIALS	Poly Sulphide Sealent	Pot Life @ 25 degree celsius	BS 5212 (Part- 3)
483	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Elastic recovery of half thread in ductilometer at 15Å°C	IS: 15462 (Annex A)
484	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Frass Breaking Point	IS: 9381
485	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Loss in mass	IS: 9382
486	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Mineral Matter (Ash)	IS: 1217
487	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	MSCR Test, 0C	IS: 15462 (Annex D)
488	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	PAV Residue:- Complex modulus	IS: 15462 (Annex C)
489	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Phase angle	IS: 15462 (Annex B)
490	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	RTFO Residue:- Complex modulus 0C	IS: 15462 (Annex B)
491	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Separation	IS:15462 (ANNEX - B)
492	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Softening Point	IS: 1205
493	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Solubility in HDO	IS:14982
494	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Flashpoint	IS: 1209



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	27 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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
495	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Viscosity at 150 °C	ASTM D4402
496	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Separation difference in softening point (R&B)	IRC: SP 53 (Annex 3)
497	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Complex modulus and shear modulus	IRC: SP 53 (Annex.-1), ASTM D 7405
498	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Elastic recovery of half thread in ductilometer at 25°C	IRC: SP 53 (ANNEX-4)
499	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen	Phase angle	AASHTO T 315
500	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen (PMB)	Solubility in LDO	IS:14982
501	MECHANICAL- BUILDINGS MATERIALS	Portland Pozzolana Cement (Fly Ash Based)	Compressive Strength	IS 4031 (Part-6)
502	MECHANICAL- BUILDINGS MATERIALS	Portland Slag Cement	Compressive Strength	IS 4031 (Part-6)
503	MECHANICAL- BUILDINGS MATERIALS	Precast Autoclaved Cellular (Aerated) Concrete Blocks	Compressive Strength	IS 6441 (Part 5)
504	MECHANICAL- BUILDINGS MATERIALS	Preformed Fillers for expansion Joints	25% Compression deflection	ASTM D-545
505	MECHANICAL- BUILDINGS MATERIALS	Preformed Fillers for expansion Joints	Compression Recovery	ASTM D-545
506	MECHANICAL- BUILDINGS MATERIALS	Preformed Fillers for expansion Joints	Density	ASTM D-545
507	MECHANICAL- BUILDINGS MATERIALS	Preformed Fillers for expansion Joints	Heat Resistance	ASTM D-5249
508	MECHANICAL- BUILDINGS MATERIALS	Preformed Fillers for expansion Joints	Maximum Shrinkage	ASTM D-5249
509	MECHANICAL- BUILDINGS MATERIALS	Preformed Fillers for expansion Joints	Tensile Strength	ASTM D-1623
510	MECHANICAL- BUILDINGS MATERIALS	Preformed Fillers for expansion Joints	Water Absorption	ASTM C-1016
511	MECHANICAL- BUILDINGS MATERIALS	Preformed Fillers for expansion Joints	Water Absorption	ASTM D-545
512	MECHANICAL- BUILDINGS MATERIALS	Pulverized fuel Ash	Compressive Strength (At 28 days w.r.t. control sample)	IS 1727
513	MECHANICAL- BUILDINGS MATERIALS	Reinforcement - Steel	Bend Test	IS:1599



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	28 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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
514	MECHANICAL- BUILDINGS MATERIALS	Reinforcement steel bar	Mass per meter	IS: 1786 (Clause 7.1)
515	MECHANICAL- BUILDINGS MATERIALS	Reinforcement steel bar	Bend Test	IS:1599
516	MECHANICAL- BUILDINGS MATERIALS	Reinforcement steel bars	Elongation Percent	IS:1608 (Part-1)
517	MECHANICAL- BUILDINGS MATERIALS	Reinforcement steel bars	Reduction area	IS: 1608 (Part- 1)
518	MECHANICAL- BUILDINGS MATERIALS	Reinforcement steel bars	Ultimate Tensile Strength	IS:1608 (Part-1)
519	MECHANICAL- BUILDINGS MATERIALS	Reinforcement steel bars	Yield Stress/ 0.2 proof stress	IS:1608 (Part-1)
520	MECHANICAL- BUILDINGS MATERIALS	Reinforcement steel bars	Re-Bend Test	IS:1786
521	MECHANICAL- BUILDINGS MATERIALS	Rivets	Diameter	IS: 1929
522	MECHANICAL- BUILDINGS MATERIALS	Rivets	Dump test	IS: 1148
523	MECHANICAL- BUILDINGS MATERIALS	Rivets	Head Soundness Test	IS: 1148
524	MECHANICAL- BUILDINGS MATERIALS	Rivets	Shear test	IS: 5242
525	MECHANICAL- BUILDINGS MATERIALS	RPM (ROAD STUDS)	Compressive Strength	ASTM D 4280
526	MECHANICAL- BUILDINGS MATERIALS	RPM (ROAD STUDS)	Deformation at 13635 kg	ASTM 4280
527	MECHANICAL- BUILDINGS MATERIALS	RPM (ROAD STUDS)	Longitudinal Flexural Strength	ASTM 4280
528	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Flow Resistance test	EAS-928-1 (Annexure-D)
529	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Glass BeadsContent	BS 3262 (Part-1) (Appendix D)
530	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Refractive Index	BS 6088
531	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Roundness- Microscopic	BS 6088
532	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Skid Resistance test	BS 6044 (Appendix K)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	29 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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
533	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Softening Point	ASTM D 36
534	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Yellowness Index	AASHTO M 250
535	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Colour	AASHTOM 249
536	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Free Flow Test	MORTH Specification (Section-800)
537	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Gradation of Glass Beads(Type 1 & 2)	MORTH Specification (Section-800)
538	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	LuminanceTest	AASHTO M 249
539	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Roundness- Microscopic	BS EN 1423
540	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Coefficient of Retro- Reflection	BS EN 1436
541	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Cracking Resistance	AASHTO T 250
542	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Drying Time	MORTH Specification
543	MECHANICAL- BUILDINGS MATERIALS	Thermoplastic Road Marking Material	Binder Content	BS: 3262 (Part-1)
544	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam	Elongation Index	IS: 2386 (Part- 1)
545	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam	Flakiness Index	IS: 2386 (Part- 1)
546	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam	Grading (Sieve Size: 4.75mm to 63mm)	IS: 2386 (Part- 1)
547	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam	Impact Value	IS: 2386 (Part-4)
548	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam	Los Angeles Abrasion Value	IS: 2386 (Part- 4)
549	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam	Soundness by MgSO4	IS: 2386 (Part- 5)
550	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam	Soundness by Na2SO4	IS: 2386 (Part- 5)
551	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam	Water Absorption	IS: 2386 (Part- 3)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	30 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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
552	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam	Wet Aggregate Impact Value	IS: 5640
553	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam	Fractured Faces	ASTM D 5821
554	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Elongation Index	IS: 2386 (Part- 1)
555	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Flakiness Index	IS: 2386 (Part- 1)
556	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Impact Value	IS: 2386 (Part- 4)
557	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Los Angeles Abrasion Value	IS: 2386 (Part- 4)
558	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Soundness by MgSO ₄	IS: 2386 (Part- 5)
559	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Soundness by Na ₂ SO ₄	IS: 2386 (Part- 5)
560	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Water Absorption	IS: 2386 (Part- 3)
561	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Grading (Sieve Size:4.75mm to 63mm)	IS: 2386 (Part- 1)
562	MECHANICAL- MECHANICAL PROPERTIES OF METALS	BOLT	Elongation	ISO:6892
563	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Barbed wire / fencing wire	Tensile Strength	IS: 1608 (Part-1)
564	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Barbed wire / fencing wire	Wrapping test	IS: 1755
565	MECHANICAL- MECHANICAL PROPERTIES OF METALS	BOLT	Lower Yield	ISO:6892
566	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Bolt	Proof Load	ISO:6892
567	MECHANICAL- MECHANICAL PROPERTIES OF METALS	BOLT	Ultimate Tensile Strength	ISO:6892



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	31 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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
568	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous/nonferrous, alloys & products	Tensile Strength	API 1104 (Clause 5.6.2)/ ASME BPVC IX QW150
569	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous/nonferrous, alloys & products	Transverse Load Test	RDSO manual for Flash Butt (Clause 10.2.2.1)
570	MECHANICAL- MECHANICAL PROPERTIES OF METALS	MBCB / Ferrous Materials & alloys products Structural Steel	Rockwell Hardness	IS: 1586(Part- 1)
571	MECHANICAL- MECHANICAL PROPERTIES OF METALS	MBCB / Ferrous Materials & alloys products Structural Steel	Bend test	IS: 1599
572	MECHANICAL- MECHANICAL PROPERTIES OF METALS	MBCB / Ferrous Materials & alloys products Structural Steel	Elongation	IS: 1608 (Part- 1)
573	MECHANICAL- MECHANICAL PROPERTIES OF METALS	MBCB / Ferrous Materials & alloys products Structural Steel	Yield stress	IS: 1608 (Part- 1)
574	MECHANICAL- MECHANICAL PROPERTIES OF METALS	MBCB / Ferrous Materials & alloys products Structural Steel	Ultimate Tensile Strength	IS: 1608 (Part- 1)
575	MECHANICAL- MECHANICAL PROPERTIES OF METALS	NUT	Stress Under Proof Load	IS:1367 (P-8)
576	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Prestressing Strands H.T Strands /LRPC Strands	Mass / unit area	IS: 14268 (Annexure B- 2/A-2)
577	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Prestressing Strands H.T Strands /LRPC Strands	Breaking load	IS: 1608 (Part- 1)
578	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Prestressing Strands H.T Strands /LRPC Strands	Cross sectional area	IS: 14268
579	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Prestressing Strands H.T Strands/LRPC Strands	Diameter	IS:14268 Annex A CL (4.2 & 6.1)
580	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Prestressing Strands H.T Strands/LRPC Strands	Relaxation test 100 H	IS: 14268 (Clause 6.2.4)
581	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement steel bar	Rockwell Hardness	IS: 1586(Part- 1)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI,
TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-12061

Page No

32 of 43

Validity

05/08/2023 to 04/08/2025

Last Amended on

27/06/2024

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
582	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement steel bar	Rockwell hardness	IS: 1586(Part- 1)
583	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Pipe Tube	Flattening Test	IS: 2328 (Clause 6.1)
584	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Compression Set @70 degree Celsius	ASTM D395 (Method B)
585	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Accelerated Aging	IS: 3400 (Part-4)
586	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Compression Set	IS: 3400 (Part - 10/Section-2)
587	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Density	ASTM D 792
588	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Elongation at Break	IS: 3400 (Part-1)
589	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Hardness	ASTM D 2240-15
590	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Tear strength	ASTM D 624-00
591	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Tensile Strength	IS: 3400 (Part- 1)
592	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Hardness	IS:3400(Part- -2/ Sec- 3)
593	MECHANICAL- SOIL AND ROCK	Bentonite	Fineness	IS: 6186 (Annexure-6)
594	MECHANICAL- SOIL AND ROCK	Bentonite	Gel Formation Index	IS: 6186 (Annexure-4)
595	MECHANICAL- SOIL AND ROCK	Bentonite	Moisture Content	IS: 6186, (Annexure-2)
596	MECHANICAL- SOIL AND ROCK	Bentonite	Sand Content	IS: 6186 (Annexure-9)
597	MECHANICAL- SOIL AND ROCK	Bentonite	Swelling	IS: 6186 (Annexure-5)
598	MECHANICAL- SOIL AND ROCK	Bentonite	Viscosity at 30°C	IS: 6186 (Annexure-7)
599	MECHANICAL- SOIL AND ROCK	Cement Treated Sub Base/Cement Treated Base	Plastic Limit	IS: 2720 (Part- 5)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	33 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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
600	MECHANICAL- SOIL AND ROCK	Cement Treated Sub Base/Cement Treated Base	Plasticity Index	IS: 2720 (Part- 5)
601	MECHANICAL- SOIL AND ROCK	Cement Treated Sub Base/Cement Treated Base	Resilient Modulus	ASTM D 4123
602	MECHANICAL- SOIL AND ROCK	Cement Treated Sub Base/Cement Treated Base	Unconfined Compressive Strength	IS: 9143
603	MECHANICAL- SOIL AND ROCK	Cement Treated Sub Base/Cement Treated Base	Liquid Limit	IS: 2720 (Part- 5)
604	MECHANICAL- SOIL AND ROCK	Granular Sub Base	Heavy Compaction - OMC	IS: 2720 (Part- 8)
605	MECHANICAL- SOIL AND ROCK	Granular Sub Base	Liquid Limit	IS: 2720 (Part- 5)
606	MECHANICAL- SOIL AND ROCK	Granular Sub Base	Moisture Content	IS: 2720 (Part- 2)
607	MECHANICAL- SOIL AND ROCK	Granular Sub Base	Plastic Limit	IS: 2720 (Part- 5)
608	MECHANICAL- SOIL AND ROCK	Granular Sub Base	Heavy Compaction - MDD	IS: 2720 (Part- 8)
609	MECHANICAL- SOIL AND ROCK	Granular Sub Base	Plasticity Index	IS: 2720 (Part- 5)
610	MECHANICAL- SOIL AND ROCK	Granular Sub Base	California Bearing Ratio	IS: 2720 (Part- 16)
611	MECHANICAL- SOIL AND ROCK	Rock	Brazilian Index	IS: 10082
612	MECHANICAL- SOIL AND ROCK	Rock	Bulk Density	IS: 13030
613	MECHANICAL- SOIL AND ROCK	Rock	Cerchar Abrasiveness Index	ASTM D 7625
614	MECHANICAL- SOIL AND ROCK	Rock	Cerchar Abrasiveness Index	ASTM D7625
615	MECHANICAL- SOIL AND ROCK	Rock	Dry Density	IS: 13030
616	MECHANICAL- SOIL AND ROCK	Rock	Fractured Faces	ASTM D 5821
617	MECHANICAL- SOIL AND ROCK	Rock	Point Load Test	ASTM D 5731
618	MECHANICAL- SOIL AND ROCK	Rock	Retained Tensile Strength	AASHTO T 283



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-12061

Page No

34 of 43

Validity

05/08/2023 to 04/08/2025

Last Amended on

27/06/2024

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
619	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS: 9143
620	MECHANICAL- SOIL AND ROCK	Rock	Mohs Hardness	IS: 13630 (Part-13)
621	MECHANICAL- SOIL AND ROCK	Rock	Moisture Content	IS: 13030
622	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS: 13030
623	MECHANICAL- SOIL AND ROCK	Rock	Water content	IS: 13030
624	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS: 2720 (Part- 5)
625	MECHANICAL- SOIL AND ROCK	Soil	Coefficient of Interface Friction	IS: 13326 (Part- 1)
626	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (fie)	IS: 2720 (Part- 13)
627	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction OMC	IS: 2720 (Part- 8)
628	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction OMC	IS: 2720 (Part- 7)
629	MECHANICAL- SOIL AND ROCK	Soil	Relative density of cohesionless soil	IS: 2720 (Part--14)
630	MECHANICAL- SOIL AND ROCK	Soil	Relative Density	IS: 2720 (Part- 14)
631	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS: 2720 (Part- 6)
632	MECHANICAL- SOIL AND ROCK	Soil	Tri axial shear Test (fie)	IS: 2720 (Part- 11 &12)
633	MECHANICAL- SOIL AND ROCK	Soil	Coef icient of permeabilityby Constant Head Method	IS: 2720 (Part- 36)
634	MECHANICAL- SOIL AND ROCK	Soil	Compression index	IS: 2720 (Part- 15)
635	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test	IS: 2720 (Part- 15)
636	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (C)	IS: 2720 (Part- 13)
637	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS: 2720 (Part- 40)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	35 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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
638	MECHANICAL- SOIL AND ROCK	Soil	Grain size Analysis- Wet (75 micron to 2.0 mm)	IS: 2720 (Part- 4)
639	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction MDD	IS: 2720 (Part- 8)
640	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction MDD	IS: 2720 (Part- 7)
641	MECHANICAL- SOIL AND ROCK	Soil	Linear Shrinkage	IS: 2720 (Part--20)
642	MECHANICAL- SOIL AND ROCK	Soil	Pull-out coefficient- large shearbox	ASTM D 6706-01
643	MECHANICAL- SOIL AND ROCK	Soil	Tri axial shear Test (C)	IS: 2720 (Part- 12)
644	MECHANICAL- SOIL AND ROCK	Soil	Water content	IS: 2720 (Part- 2)
645	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (C.B.R.)-Soaked	IS: 2720 (Part- 16)
646	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (C.B.R.)-Unsoaked	AASHTO T 193
647	MECHANICAL- SOIL AND ROCK	Soil	Specific gravity	IS: 2720 (Part-3/Section-2)
648	MECHANICAL- SOIL AND ROCK	Soil	Direct shear test of soil Containing Gravel (cohesion)	IS: 2720 (Part-39/Section-I)
649	MECHANICAL- SOIL AND ROCK	Soil	Direct shear test of soil Containing Gravel \emptyset	IS: 2720 (Part-39/Section-I)
650	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS: 2720 (Part 5)
651	MECHANICAL- SOIL AND ROCK	Soil	Permeability test	IS: 2720 (Part 17)
652	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS: 2720 (Part 5)
653	MECHANICAL- SOIL AND ROCK	Soil	Tri-axial test, Cohesion	IS: 2720 (Part-12)
654	MECHANICAL- SOIL AND ROCK	Water Bound Macadam	Liquid Limit	IS: 2720 (Part- 5)
655	MECHANICAL- SOIL AND ROCK	Water Bound Macadam	Plastic Limit	IS: 2720 (Part- 5)
656	MECHANICAL- SOIL AND ROCK	Water Bound Macadam	Plasticity Index	IS: 2720 (Part- 5)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	36 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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
657	MECHANICAL- SOIL AND ROCK	Wet Mix Macadam	Liquid Limit	IS: 2720 (Part- 5)
658	MECHANICAL- SOIL AND ROCK	Wet Mix Macadam	Plastic Limit	IS: 2720 (Part- 5)
659	MECHANICAL- SOIL AND ROCK	Wet Mix Macadam	Plasticity Index	IS: 2720 (Part- 5)
660	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Bridge Bearings Elastomeric	Shear Modulus	IRC: 83 (Part- 2) (Clause No. C.2)
661	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Bridge Bearings Elastomeric	Elastic Modulus- Compression Stiffness	IRC: 83 (Part- 2) (Clause No - C.3)
662	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Bridge Bearings Elastomeric	Shear Bond	IRC: 83 (Part- 2, Annexure C) (Clause No. C.4)
663	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pot, Pin, Metallic Guide and Plane Sliding Bearings	Rotation Test	IRC: 83 (Part-3) (Clause No. 7.4.3.3.3)
664	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pot, Pin, Metallic Guide and Plane Sliding Bearings, Spherical and Cylindrical	Friction Test	IRC: 83 (Part-3 & 4) (Clause 7.4.3.3.2)
665	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pot, Pin, Metallic Guide and Plane Sliding Bearings, Spherical and Cylindrical	Proof Load Test- Vertical/Horizontal	IRC: 83 (Part--3 & 4) (Clause No. 7.4.3.3.1)
666	MECHANICAL- TEXTILE MATERIALS	Geo composite	Thickness	IS: 13162 (Part-3)
667	MECHANICAL- TEXTILE MATERIALS	Geo composite Sheet	Tear test	A STM D 4533
668	MECHANICAL- TEXTILE MATERIALS	Geo Composite Sheet	Apparent opening Size	ASTM D 4751 -21a
669	MECHANICAL- TEXTILE MATERIALS	Geo Composite Sheet	Elongation	ASTM D 5035
670	MECHANICAL- TEXTILE MATERIALS	Geo Composite Sheet	Mass Per Square Meter	ASTM D 5261
671	MECHANICAL- TEXTILE MATERIALS	Geo Composite Sheet	Tensile Strength	ASTM D 5035
672	MECHANICAL- TEXTILE MATERIALS	Geo Composite Sheet	Thickness	ASTM D 5199
673	MECHANICAL- TEXTILE MATERIALS	Geo composite Sheet	Thickness	ISO 9863



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	37 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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
674	MECHANICAL- TEXTILE MATERIALS	Geo composite sheet	California Bearing Ratio Puncture Resistance	ISO 12236
675	MECHANICAL- TEXTILE MATERIALS	Geo composite Sheet	Grab Tensile Strength	ASTM D 4632
676	MECHANICAL- TEXTILE MATERIALS	Geo composite Sheet	Tensile Strength	ISO 10319
677	MECHANICAL- TEXTILE MATERIALS	Geo Mega Sleeve	Mass per unit Area	ASTN D5261-10
678	MECHANICAL- TEXTILE MATERIALS	Geo Mega Sleeve	Strength test of Panel	ASTM E72-15
679	MECHANICAL- TEXTILE MATERIALS	Geo Mega Sleeve	Dimensions (Thickness)	ASTM D2561
680	MECHANICAL- TEXTILE MATERIALS	Geo Mega Sleeve	Dimensions (Width)	ASTM D2561
681	MECHANICAL- TEXTILE MATERIALS	Geo Textile	Mass Per Square	ASTM D 5261
682	MECHANICAL- TEXTILE MATERIALS	Geo Textile	Water Permeability by Permittivity	ASTM D 4491
683	MECHANICAL- TEXTILE MATERIALS	Geo Textile (Woven/Non Woven)	Elongation	ASTM D 5035
684	MECHANICAL- TEXTILE MATERIALS	Geo Textile (Woven/Non Woven)	Mass Per Square Meter	ASTM D5261
685	MECHANICAL- TEXTILE MATERIALS	Geo Textile (Woven/Non Woven)	Tensile Strength	ASTM D5035
686	MECHANICAL- TEXTILE MATERIALS	Geo Textile (Woven/Non Woven)	Thickness (Single layers)	ASTM D 5199
687	MECHANICAL- TEXTILE MATERIALS	Geo Textile (Woven/Non Woven)	Thickness (Single layers)	IS: 13162 (Part-3)
688	MECHANICAL- TEXTILE MATERIALS	Geo Textile (Woven/Non Woven)	Grab Elongation	ASTM D 4632
689	MECHANICAL- TEXTILE MATERIALS	Geo Textile (Woven/Non Woven)	Grab Tensile Strength	ASTM D 4632
690	MECHANICAL- TEXTILE MATERIALS	Geo Textile (Woven/Non Woven)	Tear test	ASTM D 4533
691	MECHANICAL- TEXTILE MATERIALS	Geo Textile (Woven/Non Woven)	California Bearing Ratio Puncture Resistance	ISO 12236
692	MECHANICAL- TEXTILE MATERIALS	Geo Textile (Woven/Non Woven)	Apparent opening Size	ASTM D4751



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	38 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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
693	MECHANICAL- TEXTILE MATERIALS	Geocell	Carbon black content	ASTM D 4218
694	MECHANICAL- TEXTILE MATERIALS	Geocell	Thickness	ASTM D 5199-12
695	MECHANICAL- TEXTILE MATERIALS	Geocell	Local overstressing test	ISO 13426 (Part- 1) (Method - D)
696	MECHANICAL- TEXTILE MATERIALS	Geocell	Peeling test	ISO 13426 (Part-1) (Method -B)
697	MECHANICAL- TEXTILE MATERIALS	Geocell	Splitting test	ISO 13426 (Part-1) (Method C)
698	MECHANICAL- TEXTILE MATERIALS	Geogrid / Polymer/ Geo-Strap	Aperture Size	SOP V
699	MECHANICAL- TEXTILE MATERIALS	Geogrid / Polymer/ Geo-Strap	Aperture Size	SOP V
700	MECHANICAL- TEXTILE MATERIALS	Geogrid/Polymer	Elongation	ASTM D 6637
701	MECHANICAL- TEXTILE MATERIALS	Geogrid/Polymer	Mass Per Square Meter	ASTM D 5261-10
702	MECHANICAL- TEXTILE MATERIALS	Geogrid/Polymer/Geo- Strap	Mass Per Square Meter	ASTM D5261-10
703	MECHANICAL- TEXTILE MATERIALS	Geogrid/Polymer/Geo- Strap	Tensile strength	ASTM D 6637-11
704	MECHANICAL- TEXTILE MATERIALS	Geogrid/Polymer/Geo- Strap	Elongation	ASTM D6637-15
705	MECHANICAL- TEXTILE MATERIALS	Para web	Elongation	ASTM D 6637
706	MECHANICAL- TEXTILE MATERIALS	Para web	Tensile strength	ASTM D 6637
707	MECHANICAL- TEXTILE MATERIALS	Separation Membrane	Thickness of Sheet	IS:2508
708	MECHANICAL- TEXTILE MATERIALS	Separation Membrane	Dart Impact Strength	IS: 13360 (Part-5/Section-6) (Method-B)
709	MECHANICAL- TEXTILE MATERIALS	Separation Membrane	Elongation at Break	IS: 13360 (Part-5/Section- 3)
710	MECHANICAL- TEXTILE MATERIALS	Separation Membrane	Elongation at Break	IS: 13360 (Part-5/Section-1)
711	MECHANICAL- TEXTILE MATERIALS	Separation Membrane	Tensile Strength	IS: 13360 (Part-5/Section - 3)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI,
TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-12061

Page No

39 of 43

Validity

05/08/2023 to 04/08/2025

Last Amended on

27/06/2024

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
712	MECHANICAL- TEXTILE MATERIALS	Separation Membrane	Tensile Strength	IS: 13360 (Part-5/Section-1)
713	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Water Absorption	IS: 2380 (Part-1 to Part-21)
714	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Tensile strength	IS: 1734 (Part-9)
715	MECHANICAL- WOOD AND WOOD PRODUCTS	Timber	Moisture Content	IS:1708 (Part-1)
716	MECHANICAL- WOOD AND WOOD PRODUCTS	Timber	Water Absorption	IS: 2380 (Part-1 to Part-21)
717	MECHANICAL- WOOD AND WOOD PRODUCTS	Timber	Density	IS: 2380 (Part-1 to Part-21)
718	MECHANICAL- WOOD AND WOOD PRODUCTS	Timber	Tensile strength	IS: 1708 (Part-9)
719	MECHANICAL- WOOD AND WOOD PRODUCTS	Wood	Moisture Content	IS:1708 (Part-1)
720	MECHANICAL- WOOD AND WOOD PRODUCTS	Wood	Water Absorption	IS: 2380 (Part-16)
721	MECHANICAL- WOOD AND WOOD PRODUCTS	Wood	Density	IS: 2380 (Part--1 to Part-21) (Clause 3.2.2)
722	MECHANICAL- WOOD AND WOOD PRODUCTS	Wood	Specific Gravity	IS:1708 (Part-2)
723	MECHANICAL- WOOD AND WOOD PRODUCTS	Wood	Tensile strength	IS: 1708 (Part-1 to Part-2)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	40 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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 Testing				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Levels(Excluding vibration	Noise level L night	IS:9989(CL-5.1)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Levels(Excluding vibration	Noise level L50	IS:9989(CL-5.1)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	CarbonDioxide(CO2)	IS13270(CL-4.6)(Orsat analysis)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter (PM)	IS:11255(Part-1)(CL- 5.3)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ammonia(NH3)	IS:5182(Part-25) (CL-10.1)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Oxides of Nitrogen(NO2)	IS:5182(Part-6)(CL-10.1)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ozone(O3)	IS5182(Part9)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate Matter PM2.5	IS:5182(Part-24)(CL-9.1)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Respirable Suspended Particulate Matter(PM10)	IS:5182(Part-23)(CL-8.1)
10	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	SulphurDioxide(SO2)	IS:5182 (Part-2) (CL- 10.1)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Levels(Excluding vibration	Noise level L day	IS:9989(CL-5.1)
12	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Levels(Excluding vibration	Noise level L min	IS:9989(CL-5.1)
13	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Levels(Excluding vibration	Noise level L10	IS:9989(CL-5.1)
14	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Levels(Excluding vibration	Noise level L90	IS:9989(CL-5.1)
15	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Levels(Excluding vibration	Noise level Leq (L10 L50 L90)	IS:9989(CL-5.1)
16	CHEMICAL- ATMOSPHERIC POLLUTION	AmbientNoise Levels(Excludingvibration)	Noise level L max	IS:9989(CL-5.1)
17	CHEMICAL- ATMOSPHERIC POLLUTION	Source Noise Levels(Excluding vibration)	DG Noise Level	IS: 4758
18	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen(NO2)	IS:11255(Part-7)(CL- 5.0)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI, TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-12061	Page No	41 of 43
Validity	05/08/2023 to 04/08/2025	Last Amended on	27/06/2024

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- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Monoxide(CO)	IS13270(CL-4.6)(Orsat analysis)
20	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxygen(O ₂)	IS:13270(CL-4.6)(Orsat analysis)
21	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	SulphurDioxide(SO ₂)	IS:11255(Part-2)(CL-8)
22	MECHANICAL- BUILDINGS MATERIALS	Bituminous/Concrete Road	Benkelman Beam Deflection Test	IRC: 81
23	MECHANICAL- BUILDINGS MATERIALS	Bituminous/Concrete Road	NSV(LCMS-2)	IRC: SP 16
24	MECHANICAL- BUILDINGS MATERIALS	Bituminous/Concrete Road Section	Bridge Load Test(Bituminous & ConcreteSection)	IRC: SP 51
25	MECHANICAL- BUILDINGS MATERIALS	Bituminous/Concrete Road Section	Falling Weight Deflectometer	IRC: 81
26	MECHANICAL- BUILDINGS MATERIALS	Bituminous/Concrete RoadSection	Surface evenness of Highway Pavements(Bituminous & Concrete Road)	IRC: SP 16
27	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump	IS: 1199 (Part--2)
28	MECHANICAL- BUILDINGS MATERIALS	Retro reflective Signboards/Road Studs/TRMM	Coefficient of Retro-reflection- RL & QD	ASTM E1709-16e2
29	MECHANICAL- BUILDINGS MATERIALS	Retro reflective Signboards/Road Studs/TRMM	Coefficient of Retro-reflection- RL & QD	ASTM E810
30	MECHANICAL- SOIL AND ROCK	Concrete Pile	Lateral Pile Load Test	IS: 2911 (Part- 4)
31	MECHANICAL- SOIL AND ROCK	Concrete Pile	Pile Pull out Test	IS: 2911 (Part- 4) (Clause no-9)
32	MECHANICAL- SOIL AND ROCK	Concrete Pile	Dynamic Pile Load Test	IS: 2911 (Part- 4)
33	MECHANICAL- SOIL AND ROCK	Concrete Pile	Static Pile Load Test	IS: 2911 (Part- 4)
34	MECHANICAL- SOIL AND ROCK	Concrete Pile	Uplift Pile load	IS: 2911 (Part- 4)
35	MECHANICAL- SOIL AND ROCK	Rock	Slake Durability Index	IS: 10050
36	MECHANICAL- SOIL AND ROCK	Soil	Dry Density- Core CuttingMethod	IS: 2720 (Part-29)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI,
TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-12061

Page No

42 of 43

Validity

05/08/2023 to 04/08/2025

Last Amended on

27/06/2024

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
37	MECHANICAL- SOIL AND ROCK	Soil	Dry Density- Sand Replacement Method	IS: 2720 (Part-28)
38	MECHANICAL- SOIL AND ROCK	Soil	Electricals Resistivity Test	IS: 15736
39	MECHANICAL- SOIL AND ROCK	Soil	Ev2 Test	DIN 18134
40	MECHANICAL- SOIL AND ROCK	Soil	Ev2 Test	RDSO GE-14
41	MECHANICAL- SOIL AND ROCK	Soil	Modulus Sub Grade Reaction (K-Value Test)	IS: 9214
42	MECHANICAL- SOIL AND ROCK	Soil	Soil Resistivity Test	IS: 3043
43	MECHANICAL- SOIL AND ROCK	Soil	Standard Penetration Test (Soil Investigation Test)	IS: 2131 (part-11)
44	MECHANICAL- SOIL AND ROCK	Soil	Field Moisture Equivalent	IS: 2720 (Part-18)
45	MECHANICAL- SOIL AND ROCK	Soil	Plate Load Test	IS: 1888
46	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Cover Meter	Cover Meter	BS 1811 (Part 204)
47	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Cappo Test	ASTM C 900
48	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Carbonation Depth	IS 516 (Part 5) (Section 3)
49	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Carbonation Depth	BS-EN 14630
50	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Half Cell Potential	IS 516 (Part-5) (Section 2)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

RADHEY TESTING & CONSULTANTS PRIVATE LIMITED, GATA NUMBER- 71, NIRBHAY GARHI,
TEHSIL- TUNDLA, FIROZABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-12061

Page No

43 of 43

Validity

05/08/2023 to 04/08/2025

Last Amended on

27/06/2024

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
51	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Half Cell Potential	ASTMC 876
52	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Pile Integrity Test	ASTM " D 5882
53	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer Test	IS 516 (Part 5) (Section 4)
54	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultra Sonic Pulse Velocity Test	IS:516 (Part 5, Section -1)

NOTE- The Laboratory has demonstrated competence for the stated scope for WATER. This however does not fully cover the specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.