



**National Accreditation Board for  
Testing and Calibration Laboratories**

**CERTIFICATE OF ACCREDITATION**

**NSIC TECHNICAL SERVICES CENTER**

has been assessed and accredited in accordance with the standard

**ISO/IEC 17025:2017**

**"General Requirements for the Competence of Testing &  
Calibration Laboratories"**

for its facilities at

**OKHLA INDUSTRIAL ESTATE, OKHLA, NEW DELHI, DELHI, INDIA**

in the field of

**TESTING**

**Certificate Number:** TC-4081

**Issue Date:** 26/04/2023

**Valid Until:** 25/04/2025

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.  
(To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))

Name of Legal Identity : NSIC TECHNICAL SERVICES CENTRE

**Signed for and on behalf of NABL**



**N. Venkateswaran  
Chief Executive Officer**



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	NSIC TECHNICAL SERVICES CENTER, OKHLA INDUSTRIAL ESTATE, OKHLA, NEW DELHI, DELHI, INDIA		
<b>Accreditation Standard</b>	ISO/IEC 17025:2017		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- BUILDING MATERIAL	Cement (OPC & PPC)	Sulphuric Anhydride - by Mass	IS 4032
2	CHEMICAL- BUILDING MATERIAL	Cement - (OPC & PPC)	Alumina - by Mass	IS 4032
3	CHEMICAL- BUILDING MATERIAL	Cement - (OPC & PPC)	Total Loss on Ignition - by Mass	IS: 4032
4	CHEMICAL- BUILDING MATERIAL	CEMENT - ( OPC & PPC)	Ferric Oxide - by Mass	IS 4032
5	CHEMICAL- BUILDING MATERIAL	Cement - ( OPC & PPC)	Insoluble Residue - by Mass	IS 4032
6	CHEMICAL- BUILDING MATERIAL	Cement - ( OPC & PPC)	Magnesia - by Mass	IS 4032
7	CHEMICAL- BUILDING MATERIAL	Cement - ( OPC & PPC)	Silica by Mass	IS 4032
8	CHEMICAL- BUILDING MATERIAL	Cement - (OPC & PPC)	CaO by Mass	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Organic Impurities	IS 2386
10	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Organic Impurities	IS 2386
11	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Aluminium	ANODIC COATING	IS 5523
12	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Aluminium	Powder Coating	IS 101
13	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	G.I. Materials	Mass of Zinc Coating	IS 6745
14	CHEMICAL- METALS & ALLOYS	Alloy steel	Carbon	IS 228
15	CHEMICAL- METALS & ALLOYS	Alloy steel	Chromium	IS 228
16	CHEMICAL- METALS & ALLOYS	Alloy steel	Manganese	IS 228
17	CHEMICAL- METALS & ALLOYS	Alloy steel	Nickel	IS 228



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18	CHEMICAL- METALS & ALLOYS	Alloy steel	Phosphorus	IS 228
19	CHEMICAL- METALS & ALLOYS	Alloy steel	Silicon	IS 228
20	CHEMICAL- METALS & ALLOYS	Alloy steel	Sulphur	IS 228
21	CHEMICAL- METALS & ALLOYS	Aluminium	Chromium	ASTM E 1251
22	CHEMICAL- METALS & ALLOYS	Aluminium	Copper	ASTM E 1251
23	CHEMICAL- METALS & ALLOYS	Aluminium	Iron	ASTM E 1251
24	CHEMICAL- METALS & ALLOYS	Aluminium	Magnesium	ASTM E 1251
25	CHEMICAL- METALS & ALLOYS	Aluminium	Manganese	ASTM E 1251
26	CHEMICAL- METALS & ALLOYS	Aluminium	Silicon	ASTM E 1251
27	CHEMICAL- METALS & ALLOYS	Aluminium	Zinc	ASTM E 1251
28	CHEMICAL- METALS & ALLOYS	Aluminium (Cast)	Chromium	ASTM E 1251
29	CHEMICAL- METALS & ALLOYS	Aluminium (Cast)	Copper	ASTM E 1251
30	CHEMICAL- METALS & ALLOYS	Aluminium (Cast)	Iron	ASTM E 1251
31	CHEMICAL- METALS & ALLOYS	Aluminium (Cast)	Lead	ASTM E 1251
32	CHEMICAL- METALS & ALLOYS	Aluminium (Cast)	Magnesium	ASTM E 1241
33	CHEMICAL- METALS & ALLOYS	Aluminium (Cast)	Manganese	ASTM E 1251
34	CHEMICAL- METALS & ALLOYS	Aluminium (Cast)	Nickle	ASTM E 1251
35	CHEMICAL- METALS & ALLOYS	Aluminium (Cast)	Silicon	ASTM E 1251
36	CHEMICAL- METALS & ALLOYS	Aluminium (Cast)	Tin	ASTM E 1251



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37	CHEMICAL- METALS & ALLOYS	Aluminium (Cast)	Zinc	ASTM E 1251
38	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Carbon	IS 9879
39	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Chromium	IS 9879
40	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Manganese	IS 9879
41	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Nickel	IS 9879
42	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Phosphorous	IS 9879
43	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Silicon	IS 9879
44	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Sulphur	IS 9879
45	CHEMICAL- METALS & ALLOYS	Brass (Chill Cast)	Aluminium	BS EN 15079
46	CHEMICAL- METALS & ALLOYS	Brass (Chill Cast)	Iron	BS EN 15079
47	CHEMICAL- METALS & ALLOYS	Brass (Chill Cast)	Lead	BS EN 15079
48	CHEMICAL- METALS & ALLOYS	Brass (Chill Cast)	Manganese	BS EN 15079
49	CHEMICAL- METALS & ALLOYS	Brass (Chill Cast)	Nickle	BS EN 15079
50	CHEMICAL- METALS & ALLOYS	Brass (Chill Cast)	Tin	BS EN 15079
51	CHEMICAL- METALS & ALLOYS	CARBON STEEL	ALUMINIUM	IS 8811
52	CHEMICAL- METALS & ALLOYS	CARBON STEEL	CARBON	IS 8811
53	CHEMICAL- METALS & ALLOYS	CARBON STEEL	MANGANESE	IS 8811
54	CHEMICAL- METALS & ALLOYS	CARBON STEEL	PHOSPHORUS	IS 8811
55	CHEMICAL- METALS & ALLOYS	CARBON STEEL	SILICON	IS 8811



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56	CHEMICAL- METALS & ALLOYS	CARBON STEEL	SULPHUR	IS 8811
57	CHEMICAL- METALS & ALLOYS	CARBON STEEL	VANADIUM	IS 8811
58	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	ASTM E 1999 - 18
59	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	ASTM E 1999 - 18
60	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	IS 12308
61	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorous	ASTM E 1999 - 18
62	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	IS 12308
63	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E 1999 - 18
64	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	IS 12308
65	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	ASTM E 1999 - 18
66	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	IS 12308
67	CHEMICAL- METALS & ALLOYS	Cast Iron	Total Carbon	IS 12308
68	CHEMICAL- METALS & ALLOYS	COPPER & ITS ALLOYS	COPPER	IS 4027
69	CHEMICAL- METALS & ALLOYS	COPPER & ITS ALLOYS	IRON	IS 440
70	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	LEAD	IS 440
71	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	TIN	IS 440
72	CHEMICAL- METALS & ALLOYS	COPPER & ITS ALLOYS	ZINC	IS 4027
73	CHEMICAL- METALS & ALLOYS	Copper (Chill Cast)	Aluminium	BS EN 15079
74	CHEMICAL- METALS & ALLOYS	Copper (Chill Cast)	Chromium	BS EN 15079



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75	CHEMICAL- METALS & ALLOYS	Copper (Chill Cast)	Iron	BS EN 15079
76	CHEMICAL- METALS & ALLOYS	Copper (Chill Cast)	Lead	BS EN 15079
77	CHEMICAL- METALS & ALLOYS	Copper (Chill Cast)	Manganese	BS EN 15079
78	CHEMICAL- METALS & ALLOYS	Copper (Chill Cast)	Nickel	BS EN 15079
79	CHEMICAL- METALS & ALLOYS	Copper (Chill Cast)	Phosphorous	BS EN 15079
80	CHEMICAL- METALS & ALLOYS	Copper (Chill Cast)	Silicon	BS EN 15079
81	CHEMICAL- METALS & ALLOYS	Copper (Chill Cast)	Tin	BS EN 15079
82	CHEMICAL- METALS & ALLOYS	Copper (Chill Cast)	Zinc	BS EN 15079
83	CHEMICAL- METALS & ALLOYS	High Carbon Steel	Carbon	IS 228
84	CHEMICAL- METALS & ALLOYS	High Carbon Steel	Manganese	IS 228
85	CHEMICAL- METALS & ALLOYS	High Carbon Steel	Phosphorus	IS 228
86	CHEMICAL- METALS & ALLOYS	High Carbon Steel	Silicon	IS 228
87	CHEMICAL- METALS & ALLOYS	High Carbon Steel	Sulphur	IS 228
88	CHEMICAL- METALS & ALLOYS	Low Alloys Steel	Aluminium	IS 8811
89	CHEMICAL- METALS & ALLOYS	Low Alloys Steel	Carbon	IS: 8811
90	CHEMICAL- METALS & ALLOYS	Low Alloys Steel	Chromium	IS 8811
91	CHEMICAL- METALS & ALLOYS	Low Alloys Steel	Copper	IS 8811
92	CHEMICAL- METALS & ALLOYS	Low Alloys Steel	Manganese	IS 8811
93	CHEMICAL- METALS & ALLOYS	Low Alloys Steel	Molybdenum	IS 8811



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94	CHEMICAL- METALS & ALLOYS	Low Alloys Steel	Nockel	IS 8811
95	CHEMICAL- METALS & ALLOYS	Low Alloys Steel	Phosphorous	IS 8811
96	CHEMICAL- METALS & ALLOYS	Low Alloys Steel	Silicon	IS: 8811
97	CHEMICAL- METALS & ALLOYS	Low Alloys Steel	Sulphur	IS 8811
98	CHEMICAL- METALS & ALLOYS	Low Alloys Steel	Vanatium	IS 8811
99	CHEMICAL- METALS & ALLOYS	Low Carbon Steel	Carbon	IS: 8811
100	CHEMICAL- METALS & ALLOYS	Low Carbon Steel	Carbon	IS228
101	CHEMICAL- METALS & ALLOYS	Low Carbon Steel	Chromium	IS: 8811
102	CHEMICAL- METALS & ALLOYS	Low Carbon Steel	Manganese	IS 228
103	CHEMICAL- METALS & ALLOYS	Low Carbon Steel	Manganese	IS: 8811
104	CHEMICAL- METALS & ALLOYS	Low Carbon Steel	Phosphorus	IS 228
105	CHEMICAL- METALS & ALLOYS	Low Carbon Steel	Phosphorus	IS: 8811
106	CHEMICAL- METALS & ALLOYS	Low Carbon Steel	Silicon	IS 228
107	CHEMICAL- METALS & ALLOYS	Low Carbon Steel	Silicon	IS: 8811
108	CHEMICAL- METALS & ALLOYS	Low Carbon Steel	Sulphur	Is 228
109	CHEMICAL- METALS & ALLOYS	Low Carbon Steel	Sulphur	IS: 8811
110	CHEMICAL- METALS & ALLOYS	Medium carbon steel	Carbon	IS 228
111	CHEMICAL- METALS & ALLOYS	Medium Carbon Steel	Manganese	IS 228
112	CHEMICAL- METALS & ALLOYS	Medium Carbon Steel	Phosphorus	IS 228



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113	CHEMICAL- METALS & ALLOYS	Medium Carbon Steel	Silicon	IS 228
114	CHEMICAL- METALS & ALLOYS	Medium Carbon Steel	Sulphur	IS 228
115	CHEMICAL- METALS & ALLOYS	Phosphorous Bronze (Chill Cast)	Iron	BS EN 15079
116	CHEMICAL- METALS & ALLOYS	Phosphorous Bronze (Chill Cast)	Lead	BS EN 15079
117	CHEMICAL- METALS & ALLOYS	Phosphorous Bronze (Chill Cast)	Phosphorous	BS EN 15079
118	CHEMICAL- METALS & ALLOYS	Phosphorous Bronze (Chill Cast)	Tin	BS EN 15079
119	CHEMICAL- METALS & ALLOYS	Phosphorous Bronze (Chill Cast)	Zinc	BS EN 15079
120	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL	CARBON	IS 8811
121	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL	CARBON	IS 8811
122	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL	CHROMIUM	IS 8811
123	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL	CHROMIUM	IS 8811
124	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL	MANGANESE	IS 8811
125	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL	MANGANESE	IS 8811
126	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL	NICKEL	IS 8811
127	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL	PHOSPHORUS	IS 8811
128	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL	PHOSPHORUS	IS 8811
129	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL	SILICON	IS 8811
130	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL	SILICON	IS 8811
131	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL	SULPHUR	IS 8811



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
132	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL	SULPHUR	IS 8811
133	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 228
134	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium	IS 228
135	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese	IS 228
136	CHEMICAL- METALS & ALLOYS	Stainless steel	Nickel	IS 228
137	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorus	IS 228
138	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon	IS 228
139	CHEMICAL- METALS & ALLOYS	Stainless steel	Sulphur	IS 228
140	CHEMICAL- WATER	Construction Water	Acidity	IS 3025
141	CHEMICAL- WATER	Construction Water	Alkalinity	IS 3025
142	CHEMICAL- WATER	Construction Water	Chloride	IS 3025
143	CHEMICAL- WATER	Construction Water	Inorganic Solid	IS 3025
144	CHEMICAL- WATER	Construction Water	Organic Solid	IS 3025
145	CHEMICAL- WATER	Construction Water	pH Value	IS 3025
146	CHEMICAL- WATER	Construction Water	Sulphate	IS 3025
147	CHEMICAL- WATER	Construction Water	Total Suspended Materials	IS 3025
148	MECHANICAL- BUILDINGS MATERIALS	AAC BLOCKS	Dimension- Length	IS 2185
149	MECHANICAL- BUILDINGS MATERIALS	AAC BLOCKS	Compressive Strength	IS 2185
150	MECHANICAL- BUILDINGS MATERIALS	AAC BLOCKS	DENSITY	IS 2185
151	MECHANICAL- BUILDINGS MATERIALS	AAC BLOCKS	Dimension - Height	IS 2185
152	MECHANICAL- BUILDINGS MATERIALS	AAC BLOCKS	Dimension - Width	IS 2185
153	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay Brick)	Compressive Strength	IS 1077



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154	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay Brick)	Dimension - Height	IS 1077
155	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay Brick)	Dimension- Length	IS 1077
156	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay Brick)	Dimension- Width	IS 1077
157	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay Brick)	Efflorescence	IS 1077
158	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay Brick)	Water Absorption	IS 1077
159	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Compressive Strength - 168 Hrs	IS 4031
160	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Compressive Strength - 672 Hrs	IS 4031
161	MECHANICAL- BUILDINGS MATERIALS	CEMENT (OPC & PPC)	Compressive Strength - 72 Hrs	IS 4031
162	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Consistency	IS 4031
163	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Final Setting Time	IS 4031
164	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Initial Setting Time	IS 4031
165	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Soundness - Autoclave	IS 4031
166	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Soundness - Le-chatelier	IS 4031
167	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fine Value	IS 2386
168	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386
169	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386
170	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Materials	IS 2386
171	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386
172	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386



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173	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386
174	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (06mm to 40mm)	IS 2386
175	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness (Magnesium Sulphate Method)	IS 2386
176	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness (Sodium Sulphate Method)	IS 2386
177	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386
178	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386
179	MECHANICAL- BUILDINGS MATERIALS	Concrete Cubes	Compressive Strength	IS 516
180	MECHANICAL- BUILDINGS MATERIALS	Fiber Glass Reinforce Plastic Plain Sheet	Density ( Mass per unit area)	IS 11551
181	MECHANICAL- BUILDINGS MATERIALS	Fiber Glass Reinforce Plastic Plain Sheet	Glass Content - by Mass	IS: 12866
182	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386
183	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious materials	IS 2386
184	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386
185	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness (Magnesium Sulphate Method)	IS 2386
186	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness (Sodium Sulphate Method)	IS 2386
187	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386
188	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386
189	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Brick	Dimension - Height	IS 12894
190	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Brick	Dimension - Length	IS 12894
191	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Brick	Dimension - Width	IS 12894



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192	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Brick	Efflorescence	IS: 12894
193	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Brick	Water Absorption	IS 12894
194	MECHANICAL- BUILDINGS MATERIALS	Granite	Compressive Strength	IS 1121
195	MECHANICAL- BUILDINGS MATERIALS	Granite	Specific Gravity	IS 1124
196	MECHANICAL- BUILDINGS MATERIALS	Granite	Water Absorption	IS 1124
197	MECHANICAL- BUILDINGS MATERIALS	Kota Stone	Durability	IS 3622
198	MECHANICAL- BUILDINGS MATERIALS	MAN HOLE COVER & FRAME	DIMENSION -FRAME	IS 12592
199	MECHANICAL- BUILDINGS MATERIALS	MANHOLE COVER AND FRAME	LOAD TEST	IS 12592
200	MECHANICAL- BUILDINGS MATERIALS	Marbles	Specific Gravity	IS 1122
201	MECHANICAL- BUILDINGS MATERIALS	Marbles	Water Absorption	IS 1124
202	MECHANICAL- BUILDINGS MATERIALS	Pavers Blocks	Dimension - Length	IS 15658
203	MECHANICAL- BUILDINGS MATERIALS	Pavers Block	Compressive Strength	IS 15658
204	MECHANICAL- BUILDINGS MATERIALS	Pavers Block	Dimension - Thickness	IS 15658
205	MECHANICAL- BUILDINGS MATERIALS	Pavers Block	Dimension - Width	IS 15658
206	MECHANICAL- BUILDINGS MATERIALS	Pavers Block	Water Absorption	IS 15658
207	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Kerbs	Dimension - Height	IS 5758
208	MECHANICAL- BUILDINGS MATERIALS	PRECAST CONCRETE KERBS	Dimension - Length	IS 5758
209	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Kerbs	Dimension - width	IS 5758
210	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Kerbs	Transverse Strength	IS 5758



# National Accreditation Board for Testing and Calibration Laboratories

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
211	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Kerbs	Water Absorption - 10 minutes	IS 5758
212	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Kerbs	Water Absorption - 24 hours	IS 5758
213	MECHANICAL- BUILDINGS MATERIALS	Red & White Sand Stone	Transverse Strength	IS 1121
214	MECHANICAL- BUILDINGS MATERIALS	Red & White Sand Stone	Water Absorption	IS 1122
215	MECHANICAL- BUILDINGS MATERIALS	SAND STONE	Durability	IS 3622
216	MECHANICAL- BUILDINGS MATERIALS	Sewer Brick	Compressive Strength	IS 4885
217	MECHANICAL- BUILDINGS MATERIALS	Sewer Brick	Dimension - Height	IS 4885
218	MECHANICAL- BUILDINGS MATERIALS	Sewer Brick	Dimension- Length	IS 4885
219	MECHANICAL- BUILDINGS MATERIALS	Sewer Brick	Dimension- Width	IS 4885
220	MECHANICAL- BUILDINGS MATERIALS	Sewer Brick	Efflorescence	IS 4885
221	MECHANICAL- BUILDINGS MATERIALS	Sewer Brick	Water Absorption	IS 4885
222	MECHANICAL- BUILDINGS MATERIALS	Tiles	Breaking Strength	IS 13630
223	MECHANICAL- BUILDINGS MATERIALS	Tiles	Dimension - Length	IS 13630
224	MECHANICAL- BUILDINGS MATERIALS	Tiles	Dimension - Thickness	IS 13630
225	MECHANICAL- BUILDINGS MATERIALS	Tiles	Dimension - Width	IS 13630
226	MECHANICAL- BUILDINGS MATERIALS	Tiles	Modulus of Rupture	IS 13630
227	MECHANICAL- BUILDINGS MATERIALS	Tiles	Water Absorption	IS 13630
228	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials	Bend	IS1599



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229	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials	Elongation % at break	IS 1608
230	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials	Mass per meter	IS 1786
231	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials	Rockwell Hardness Test (HRC)	IS1586
232	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials	Rockwell Hardness Test HRB(W)	IS 1586
233	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials	Tensile Strength	IS 1608
234	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials	Yield Stress	IS 1608
235	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous materials	Bend	IS 1599
236	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous materials	Elongation % at break	IS 1608
237	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials	Tensile Strength	IS 1608
238	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Pipes & Tubes	Flattening	IS 2328
239	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	DWC HDPE PIPE	IMPACT TEST	IS 16205 (Part 24)
240	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	DWC HDPE PIPES	BENDING TEST AT (-5+-1) DEGREE CENTIGRADE	IS 16205 (Part 24)
241	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	DWC HDPE PIPES	BENDING TEST AT ROOM TEMP.	IS 16205 (Part 24)
242	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	DWC HDPE PIPES	COMPRESSION TEST	IS 16205 (Part 24)
243	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	DWC HDPE PIPES	Dimension - Out Side Diameter	IS: 16205(Part 24)



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244	MECHANICAL- SOIL AND ROCK	SOIL	California Bearing Ratio (CBR)	IS 2720
245	MECHANICAL- SOIL AND ROCK	SOIL	Free Swelling Index	IS 2720
246	MECHANICAL- SOIL AND ROCK	SOIL	Liquid Limit	IS 2720
247	MECHANICAL- SOIL AND ROCK	SOIL	Maximum Dry Density (MDD)	IS 2720
248	MECHANICAL- SOIL AND ROCK	SOIL	Optimum Moisture Content (OMC)	IS 2720
249	MECHANICAL- SOIL AND ROCK	SOIL	Plastic Limit	IS 2720
250	MECHANICAL- SOIL AND ROCK	SOIL	Specific Gravity	IS 2720
251	MECHANICAL- TEXTILE MATERIALS	Fabrics	ELONGATION AT BREAK	IS 15891
252	MECHANICAL- TEXTILE MATERIALS	Fabrics	Elongation at Break	IS 15891
253	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven and Non Woven)	Resistance of Protective Clothing Materials to Penetration by Blood and Body Fluids using Synthetic Blood	ISO 16603
254	MECHANICAL- TEXTILE MATERIALS	Fabrics (woven & non woven)	Tensile strength	IS 15891
255	MECHANICAL- TEXTILE MATERIALS	FABRICS (WOVEN AND NON WOVEN)	GSM	ISO 3801
256	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven and Non Woven)	Resistance of Protective Clothing Materials to Penetration by Blood and Body Fluids using Synthetic Blood.	IS 16546
257	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven and non Woven)	TENSILE STRENGTH	IS 15891
258	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven and Non Woven)	THICKNESS	IS 7702
259	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven and non Woven)	THICKNESS	ISO 5084
260	MECHANICAL- WOOD AND WOOD PRODUCTS	Flush Door Shutter	Dimension (Length)	IS 2202



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
261	MECHANICAL- WOOD AND WOOD PRODUCTS	Flush Door Shutter	End Immersion	IS 2202
262	MECHANICAL- WOOD AND WOOD PRODUCTS	Flush Door Shutter	Glue Adhesion	IS 2202
263	MECHANICAL- WOOD AND WOOD PRODUCTS	Flush Door Shutter	Knife Test	IS 2202
264	MECHANICAL- WOOD AND WOOD PRODUCTS	Flush Door Shutter	Squareness	IS 2202
265	MECHANICAL- WOOD AND WOOD PRODUCTS	Flush Door Shutter	Thickness	IS 2202
266	MECHANICAL- WOOD AND WOOD PRODUCTS	Flush Door Shutter	Width	IS 2202
267	MECHANICAL- WOOD AND WOOD PRODUCTS	MDF BOARD	DENSITY	IS2380
268	MECHANICAL- WOOD AND WOOD PRODUCTS	MDF BOARD	MOISTURE CONTENT	IS2380
269	MECHANICAL- WOOD AND WOOD PRODUCTS	MDF BOARD	SWELLING IN WATER	IS 2380
270	MECHANICAL- WOOD AND WOOD PRODUCTS	MDF BOARD	WATER ABSORPTION	IS2380
271	MECHANICAL- WOOD AND WOOD PRODUCTS	PLYWOOD	DIMENSION- THICKNESS	IS 303
272	MECHANICAL- WOOD AND WOOD PRODUCTS	PLYWOOD	DIMENSION- WIDTH	IS303
273	MECHANICAL- WOOD AND WOOD PRODUCTS	PLYWOOD	GLUE ADHESION	IS1734
274	MECHANICAL- WOOD AND WOOD PRODUCTS	PLYWOOD	LENGTH	IS303
275	MECHANICAL- WOOD AND WOOD PRODUCTS	PLYWOOD	MOISTURE CONTENT	IS1734
276	MECHANICAL- WOOD AND WOOD PRODUCTS	PLYWOOD	WATER ABSORPTION	IS2380
277	MECHANICAL- WOOD AND WOOD PRODUCTS	PLYWOOD	WATER RESISTANCE	IS 1734
278	MECHANICAL- WOOD AND WOOD PRODUCTS	PRE-LAMINATED PARTICLE BOARD	DENSITY	IS2380
279	MECHANICAL- WOOD AND WOOD PRODUCTS	Pre-Laminated Particle Board	Modulus of Elasticity	IS 2380



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
280	MECHANICAL- WOOD AND WOOD PRODUCTS	Pre-Laminated Particle Board	Modulus of Rupture	IS: 2380
281	MECHANICAL- WOOD AND WOOD PRODUCTS	PRE-LAMINATED PARTICLE BOARD	MOISTURE CONTENT	IS2380
282	MECHANICAL- WOOD AND WOOD PRODUCTS	PRE-LAMINATED PARTICLE BOARD	RESISTANCE TO CIGARETTE	IS 2380
283	MECHANICAL- WOOD AND WOOD PRODUCTS	PRE-LAMINATED PARTICLE BOARD	RESISTANCE TO STEAM	IS2380
284	MECHANICAL- WOOD AND WOOD PRODUCTS	PRE-LAMINATED PARTICLE BOARD	SWELLING IN THICKNESS	IS2380
285	MECHANICAL- WOOD AND WOOD PRODUCTS	PRE-LAMINATED PARTICLE BOARD	WATER ABSORPTION	IS 2380
286	MECHANICAL- WOOD AND WOOD PRODUCTS	PRE-LAMINATED PARTICLE BOARD	WATER ABSORPTION	IS2380
287	MECHANICAL- WOOD AND WOOD PRODUCTS	VENEERED PARTICLE BOARD	DENSITY	IS 2380
288	MECHANICAL- WOOD AND WOOD PRODUCTS	VENEERED PARTICLE BOARD	MOISTURE CONTENT	IS 2380
289	MECHANICAL- WOOD AND WOOD PRODUCTS	VENEERED PARTICLE BOARD	WATER ABSORPTION	IS2380
290	MECHANICAL- WOOD AND WOOD PRODUCTS	VENERRED PARTICLE BOARD	SWELLING IN THICKNESS	IS2380
291	MECHANICAL- WOOD AND WOOD PRODUCTS	WOOD PRODUCTS	ADJUSTED SPECIFIC GRAVITY	IS 1708
292	MECHANICAL- WOOD AND WOOD PRODUCTS	WOOD PRODUCTS	MOISTURE CONTENT	IS287



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ओखला औद्योगिक संपदा, नई दिल्ली-११००२० OKHLA INDUSTRIAL ESTATE, NEW DELHI - 110020

**सामग्री परीक्षण प्रयोगशाला (ISO/IEC 17025:2005 accredited) MATERIAL TESTING LABORATORY**

**SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022**

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
<b>A CHEMICAL ANALYSIS OF METAL</b>						
1	Single Element (Purity)	-	-	750.00		
	Ferrous Material (upto 5 Elements)					
i	Manganese Steel	IS:228	IS:1870	2000.00	1 sample	20 days
ii	Plain Carbon Steel/ Cast iron/ Pig Iron			2000.00		
iii	Alloy Steel/ Alloy Cast Iron (more than 5 elements)			2500.00		
iv	Alloying Elements (more than 5 elements)			2500.00		
v	Main Element Only			750.00		
vi	Ferrous Material (more than 5 Elements)			2500.00		
2	Ferro Alloys upto 5 Elements					
i	Main Element Only			750.00		
3	Non-Ferrous Material					
i	Copper Base	IS:3685	IS:1264, 318, 319	2500.00		
ii	Tin Base	IS:27	IS:26	2500.00		
iii	Lead Base	IS:1409	IS:27	2500.00		
iv	Aluminium Base	IS:504	IS:1285, 733, 737	2500.00		
<b>B Measurement of Plating Thickness</b>						
1	Anodic Coating (Al)	IS:5523	IS:1868	2000.00		
2	Mass of Zinc Coating determination	IS:6745	IS:4736	2000.00		
3	Uniformity of Zinc Coating Test (Dip Test)	IS:2629	IS:4736	2000.00		
4	Hard Chrome Plating	IS:3203	IS:1068	2000.00		
5	Nickel Chrome Plating	IS:3203	IS:1068	2000.00		
6	Powder Coating	IS:101	IS:13871	2000.00		
<b>C BUILDING MATERIAL TESTING</b>						
1	Wooden Flush Door Shutters (Solid Core Type) / (a) Particle Board and Hardboard Face Panels (b) Plywood face panel					
i	Dimension Test					
	(a) Height			500.00		
	(b) Width			500.00		



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### SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration	
	(c)Thickness	IS: 4020	IS: 2202	500.00	Full Door	45 days	
	ii Squareness Test			500.00			
	iii General Flatness Test			500.00			
	iv Impact Indentation Test			2000.00			
	v Flexure Test			2500.00			
	vi Edge Loading Test			1000.00			
	vii Shock Resistance Test			4000.00			
	viii End Immersion			3500.00			
	ix Glue Adhesion			2000.00			
	x Knife Test			500.00			
	xi Screw withdrawal test			1500.00			
	xii Slamming test			500.00			
	xiii Buckling test			500.00			
				<b>20500.00</b>			
2	<b>Structural Timber/ Wood</b>		IS: 883		1 x 0.25 m	25 days	
	i Moisture content	IS:287		750.00			
	ii Density/ Unit Mass	IS:399		750.00			
	iii Modulus of Elasticity	IS:1708		1250.00			
	iv Modulus of Rapture			1250.00			
	v Compression Stress II to grain			500.00			
	vi Compression Stress L to grain			500.00			
	vii Feature Analysis			500.00			
	viii Visual Test			500.00			
				<b>6000.00</b>			
3	<b>Block Board</b>		IS:2380	IS:1659	Full Board	35 days	
	i Resistance to Water	2500.00					
	ii Modulus of Rapture	1250.00					
	iii Modulus of Elasticity	1250.00					
				<b>5000.00</b>			



राज०उ०नि० तकनीकी सेवा केंद्र NSIC TECHNICAL SERVICES CENTRE  
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**SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022**

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
4	<b>Wood Particle Board</b>		IS: 3087		Full Board	25 days
	i Dimension					
	(a) Height			500.00		
	(b) Width			500.00		
	(c) Thickness			500.00		
	ii Water Absorption			1250.00		
	iii Swelling Test			1250.00		
	iv Modulus of Rapture			1250.00		
	v Tensile Strength			1250.00		
	vi Screw withdrawal test			1250.00		
	vii Density			750.00		
	viii Modulus of Elasticity			1250.00		
	ix Moisture content			750.00		
				<b>10500.00</b>		
5	<b>Pre-laminated Particle Board</b>		IS: 12823		Full Board	25 days
	i Dimension					
	(a) Height			500.00		
	(b) Width			500.00		
	(c) Thickness			500.00		
	ii Water Absorption			1250.00		
	iii Swelling Test			1250.00		
	iv Modulus of Rapture			1250.00		
	v Tensile Strength			1250.00		
	vi Screw withdrawal test			1250.00		
	vii Density			750.00		
	viii Modulus of Elasticity			1250.00		
	ix Moisture content			750.00		
	x Resistance to Steam			1000.00		
	xi Resistance to Crack			1000.00		
	xii Resistance to Stain			2000.00		



# राज०उ०नि० तकनीकी सेवा केंद्र NSIC TECHNICAL SERVICES CENTRE

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### SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
	xiii Resistance to Cigarette Burn			500.00		
				<b>15000.00</b>		
<b>6</b>	<b>Medium Density Fiber Board</b>		<b>IS: 12406</b>			
i	Dimension					
	(a) Size			500.00		
	(b) Thickness			500.00		
ii	Water Absorption			750.00		
iii	Swelling Test			1250.00		
iv	Modulus of Rapture			1250.00		
v	Tensile Strength			1250.00		
vi	Screw withdrawal test			1250.00		
vii	Density			750.00		
viii	Modulus of Elasticity			1250.00		
				<b>8750.00</b>		
<b>7</b>	<b>General Purpose Plywood</b>	<b>IS:1734</b>	<b>IS:303</b>			
i	Dimension					
	(a) Size			500.00		
	(b) Thickness			500.00		
ii	Glue Adhesion					
	(a) Glue Shear Strength (Dry State)			1250.00		
	(b) Mycological Test			1000.00		
	(c) Water Resistance Test			1250.00		
iii	Moisture content			750.00		
iv	Modulus of Rapture			1250.00		
v	Modulus of Elasticity			1250.00		
				<b>7750.00</b>		
<b>8</b>	<b>Glass Fiber Reinforced Plastic (GRP)</b>					



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### SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
i	Fiber Glass Content	IS: 14856	IS: 14856	1500.00	Full Shutter	35 days
ii	Tensile Strength			1250.00		
iii	Bending Strength			1250.00		
iv	Elastic modulus			1250.00		
v	Water Absorption			750.00		
				<b>6000.00</b>		
9	<b>Shuttering Plywood (For Concrete Shuttering Work)</b>	IS:1734	IS: 4990		Full Board	35 days
i	Dimension					
	(a) Size			500.00		
	(b) Thickness			500.00		
ii	Moisture content			750.00		
iii	Glue Adhesion in Dry State					
	(a) Glue Shear Strength			1250.00		
	(b) Adhesion of Plies			1250.00		
iv	Modulus of Rapture			1250.00		
v	Modulus of Elasticity			1250.00		
vi	Resistance to Water Test					
	(a) Glue Shear Strength			1250.00		
	(b) Adhesion of Plies			1250.00		
vii	Mycological Test					
	(a) Glue Shear Strength			1250.00		
	(b) Adhesion of Plies			1250.00		
				<b>11750.00</b>		
10	<b>Marine Plywood</b>	IS: 710				
i	Dimension					
	(a) Size			500.00		
	(b) Thickness			500.00		
ii	Glue Adhesion					



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**SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022**

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
	(a) Glue Shear Strength (Dry State)			1250.00		
	(b) Adhesion of Plies			1250.00		
iii	Tensile Strength					
	(a) Along Perpendicular			1250.00		
	(b) Along Parallel			1250.00		
iv	Modulus of Rapture			1250.00		
v	Modulus of Elasticity			1250.00		
vi	Moisture Content			750.00		
vii	Mycological Test			1000.00		
viii	Water Resistance					
	(a) Glue Shear Strength (Wet State)			1250.00		
	(b) Adhesion of Plies			1250.00		
				<b>12750.00</b>		
11	<b>Fire Retardant Plywood</b>		IS: 1734	IS: 5509		
i	Dimension					
	(a) Size			500.00		
	(b) Thickness			500.00		
iv	Modulus of Rapture			1250.00		
v	Flame Penetration			1500.00		
vi	Flammability Test			1500.00		
vii	Rate of Burning			5000.00		
viii	Moisture content			750.00		
				<b>11000.00</b>		
12	<b>Decorative Thermosetting Synthetic Resin Bonded Laminated Sheet</b>			IS: 2046		
i	Resistance to Immersion boiling water				1250.00	
ii	Resistance to cracking				1250.00	
iii	Resistance to staining				2000.00	
iv	Resistance to steam				1250.00	
					<b>5750.00</b>	
13	<b>High Strength Deformed Steel Bars and Wires</b>			IS: 1786		
i	Tensile Strength	IS: 1608			1250.00	



# राजस्व नियंत्रण सेवा केंद्र NSIC TECHNICAL SERVICES CENTRE

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(भारत सरकार का उद्यम)(A Government of India Enterprises)

ओखला औद्योगिक संपदा, नई दिल्ली-११००२० OKHLA INDUSTRIAL ESTATE, NEW DELHI - 110020

### सामग्री परीक्षण प्रयोगशाला (ISO/IEC 17025:2005 accredited) MATERIAL TESTING LABORATORY

#### SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration	
	ii Proof Stress/ Yield Stress	IS:1599		750.00	1m - 03nos.	20 days	
	iii Elongation Percentage			750.00			
	iv Bend			750.00			
	v Rebend			750.00			
	vi Weight per meter			750.00			
	vii Chemical Analysis - C, S, P	IS:228		1500.00			
				<b>6500.00</b>			
	viii Chemical Analysis - For HCR Grade			2500.00			
14	<b>Reinforcement Couplers for Mechanical Splices of Bars</b>		IS: 16172		1 m x 1		
	i Tensile Strength	IS:1608		1250.00		20 days	
15	Uncoated Stress Relieved Low Relaxation Seven Ply Strand (IS 14268)		IS: 1608		1 m x 1	20 days	
	i Breaking Strength	1250.00					
	ii Proof Load	750.00					
	iii Elongation Percentage	750.00					
	iv Weight	IS:1599		750.00			
	v Chemical Analysis - C, S, P	IS:228		1500.00	1 m x 1	20 days	
				<b>5000.00</b>			
16	<b>Galvanised Strand for Earthing</b>		IS 12776		1 m x 1	20 days	
	i Breaking Strength	IS:1608		1250.00			
	ii Elongation Percentage			750.00			
	iii Mass			750.00			
	iv Wrapping	IS:1599		750.00			
	vii Zinc Coating			2000.00			
				<b>5500.00</b>			
17	<b>Hot Rolled Medium and High Tensile Structural Steel</b>		IS: 2062		1250.00		
	i Tensile Strength	IS 1608					



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**SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022**

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
	ii Yield Stress			750.00	1 m x 3	25 days
	iii Elongation Percentage			750.00		
	iv Bend	IS 1599		750.00		
	v Dimension			1500.00		
	vi Chemical Analysis (C, Mn, S, P, Si, CE)	IS 228		2500.00		
				<b>7500.00</b>		
18	<b>Sand Stone (Slabs and Tiles)</b>		IS 3622			90 days
i	Water Absorption	IS 1124		750.00	FS x 1 No	
ii	Transverse Strength	IS 1121		1250.00	(200x50x50)x3 No	
iii	Resistance to Wear	IS 1706		5500.00	(70x70)x3 Nos	
iv	Durability test	IS 1126		11000.00	Φ50 x 3 Nos	
				<b>18500.00</b>		
19	<b>Structural Granite / Polished Granite</b>		S 3316 & IS 14223			25 days
i	Water Absorption	IS 1124		750.00	FS x 1 No	
ii	True Specific Gravity	IS: 1124		750.00	FS x 1 No	
iii	Apparent Specific Gravity			750.00		
iv	Compressive Strength	IS: 1121-1		1250.00	(50x50)x3 No	
v	Moisture Content			750.00		
vi	Dry Density			750.00		
vii	Porosity			750.00		
viii	Resistance to wear			5500.00		
				<b>11250.00</b>		
20	<b>Kota Stones / Lime Stone</b>		IS 1123 & IS 1128			90 days
i	Specific Gravity	IS: 1124		550.00	FS x 1 No	
ii	Compression Strength	IS: 1121-1		1250.00	(50x50)x3 No	
iii	Resistance to Abrasion	IS 1706		5500.00	(70x70)x3 Nos	
iv	Porosity	IS: 1124		750.00	FS x 1 No	
v	Transverse Strength			1250.00		
vi	Durability test			11000.00		



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### SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
21	Marble (Slabs, Blocks and Tiles)	IS:1124	IS1130	20300.00		
i	Water Absorption	IS: 1121-1		750.00		
ii	Specific Gravity	IS: 1122		750.00		
iii	Hardness (Mho's Scale)			750.00		
iv	Colour			500.00		
v	Dimension			500.00		
				3250.00		
22	Cement Analysis OPC/ PPC					
i	Chemical Test (a) Ratio: (CaO-0.7SO <sub>3</sub> )/ (2.8SiO <sub>2</sub> +1.2Al <sub>2</sub> O <sub>3</sub> +0.65Fe <sub>2</sub> O <sub>3</sub> ) (b) Ratio: Alumina to Iron Oxide (c) SO <sub>3</sub> by mass (d) IR by mass (e) MgO by mass (f) Loss on Ignition	IS:4032	IS: 269 / IS:1489	1000.00 750.00 750.00 750.00 750.00 750.00 <b>4750.00</b>	50 kg (1 bag)	40 days
ii	Physical Test (a) Setting time (b) Compressive Strength (3, 7 and 28 days) (c) Consistency (d) Soundness (Le Chatelier Method) (e) Soundness (Autoclave Method) (f) Fineness (Sieve Method)	IS:4031		1000.00 3750.00 750.00 750.00 750.00 750.00		
				<b>7750.00</b>		
23	Manhole Cover	IS:12592	IS:12592			
i	Dimensions			2500.00	1 No.	15 days



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**SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022**

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
	ii Load Test			2500.00		
				<b>5000.00</b>		
24	<b>Precast Concrete Cable Covers</b>	IS 5820	IS 5820			20 days
i	Breaking Load/ Transverse Strength			1250.00	1 Nos.	
ii	Impact Strength			1250.00	1 Nos	
				<b>2500.00</b>		
25	<b>Concrete Cube</b>	IS:516	IS: 456	2000.00	3 cubes	30 days
i	Compressive Strength			1250.00		
ii	Sulphate Content			1250.00		
iii	Chloride Content (in %)			5000.00		
iv	Cement Content (Ratio)			750.00		
v	Carbonation			<b>10250.00</b>		
26	<b>Concrete Core</b>	IS:516	IS: 456	1250.00	1 core	20 days
i	Compressive Strength			5000.00		
ii	Cement Content (Ratio)			1250.00		
iii	Chloride Content (in %)			1250.00		
iv	Sulphate Content			750.00		
v	Carbonation			500.00		
vi	Thickness			<b>10000.00</b>		
27	<b>Water Tank Testing upto 500 l</b>	IS 12701	IS 12701			
i	Dimension			2500.00		
ii	Weight			750.00		
iii	Tensile Strength	IS:8543(Sec -I)		1250.00		
iv	Resistance to Deformation			1250.00		
v	Resistance to Impact			750.00		



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### SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
27	vi Density	IS:7828		1250.00	1 Tank with cover	30 days
	vii Black Carbon Dispersion			1250.00		
	viii Flexural Strength	IS:13360		1750.00		
	ix Visual Test			500.00		
	x Top Load Resistance			1250.00		
	xi Portability Test			750.00		
	xii *Capacity			750.00		
				<b>14000.00</b>		
	* Capacity above than 500 liters			1.25/ liter		
28	<b>Building Bricks (Common Burnt Clay)</b>	IS:3495	IS: 1077		20 Nos.	25 days
i	Dimension			1500.00		
ii	Compressive Strength	(P-I)		1750.00		
iii	Water Absorption	(P-II)		750.00		
iv	Efflorescence	(P-III)		750.00		
				<b>4750.00</b>		
29	<b>Fly Ash / Ash Lime Bricks</b>	IS:3495	S: 13757/ IS: 1289		20 Nos.	20 days
i	Dimension			1500.00		
ii	Compressive Strength	(P-I)		1750.00		
iii	Water Absorption	(P-II)		750.00		
iv	Efflorescence	(P-III)		750.00		
				<b>4750.00</b>		
30	<b>Sewer Bricks (Burnt Clay)</b>	IS:3495	IS: 4885		20 Nos.	20 days
i	Dimension			1500.00		
ii	Compressive Strength	(P-I)		1750.00		
iii	Water Absorption	(P-II)		750.00		
iv	Efflorescence	(P-III)		750.00		
				<b>4750.00</b>		
31	<b>Concrete Masonary Unit</b>	----	IS 2185 (Pt-1 & 2)			



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### SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
31	i Dimension (WxLxT)			1500.00	20 Nos.	25 days
	ii Block Density			750.00		
	iii Compressive Strength			4500.00		
	iv Water Absorption			750.00		
	v Drying Shrinkage			2500.00		
	vi Moisture Movement			2500.00		
				<b>12500.00</b>		
32	<b>Concrete Masonary Unit (AAC Block)</b>		IS 2185 (Pt-3)		24 Nos.	25 days
	i Dimension			1500.00		
	ii Block Density			750.00		
	iii Compressive Strength			6500.00		
	iv Drying Shrinkage			2500.00		
33	<b>Paver Blocks</b>		IS 15658	IS 15658	24 Nos	25 days
	i Compressive Strength			4500.00		
	ii Water Absorption			750.00		
	iii Dimension (WxLxT)			1500.00		
	iv Flexural Strength			4500.00		
	v Abrasion test			5500.00		
34			IS:5758	IS:5758	03 Nos.	25 days
	i Dimension			1500.00		
	ii Transverse Strength			1750.00		
	iii Water Absorption (2hrs & 24 hrs)			1500.00		
35			IS:13630	IS: 15622	20 Nos.	25 days
	i Dimension			1500.00		
	ii Surface Quality			750.00		
	iii Straightness of Sides			750.00		
	iv Rectangularity			750.00		
	v Surface Flatness			750.00		
	vi Bulk Density			1250.00		
	vii Water Absorption			750.00		
	viii Modulus of Rupture			1250.00		



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**SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022**

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
	ix Breaking Strength			750.00		
	x Scratch Hardness (Mho's Scale)			750.00		
	xi Chemical Resistance			1250.00		
	xii Crazing Resistance			1250.00		
	xiii Resistance to Thermal Shock			1250.00		
	xiv Resistance to stain			1250.00		
	xv Resistance to Acid & Alkali			1250.00		
				<b>15500.00</b>		
36	<b>Chequered Tiles / Cement Concrete Tiles</b>		IS 13801 & IS 1237			
	i Water Absorption			750.00		
	ii Wet Transverse Strength			1250.00		
	iii Resistance to wear			5500.00		
				<b>7500.00</b>		
37	<b>Fine Aggregate, Coarse Sand</b>	IS: 2386	IS:383			
	i Sieve Analysis			1750.00		
	ii Specific Gravity			1250.00		
	iii Bulk Density			1250.00		
	iv Total Deleterious Material			1750.00		
	v Silt Content			1250.00		
	vi Bulking of Sand			1250.00		
	vii Water Absorption			750.00		
	viii Soundness			750.00		
	ix Fineness Modulus			1250.00		
	x Organic Impurities			1750.00		
	xi Sulphate Content			750.00		
	xii Chloride Content			750.00		
	xiii Alkali Reactivity Test			5000.00		
				<b>19500.00</b>		
38	<b>Coarse Aggregate</b>	IS: 2386	IS:383			
	i Sieve Analysis			1250.00		
	ii Specific Gravity			1250.00		
	iii Bulk Density			1250.00		
	iv Water Absorption			750.00		



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S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
38	v Crushing Value			1250.00	50 kg	25 days
	vi 10% Fine Value			1250.00		
	vii Combined Flakiness & Elongation Index			1250.00		
	viii Total Deleterious Material			1750.00		
	ix Soundness			750.00		
	x Impact Value			750.00		
	xi Abration Value			1250.00		
	xii Organic Impurities			1750.00		
	xiii Sulphate Content			750.00		
	xiv Chloride Content			750.00		
	xv Alkali Reactivity Test			5000.00		
				<b>21000.00</b>		
	<b>39 Admixture - Uniformity test</b>	IS 9103	IS 9103		1 liter	25 days
	i Dry Material Content			2500.00		
	ii Ash Content			1750.00		
	iii pH			750.00		
	iv Relative Density			1250.00		
	v Chloride Ion			1250.00		
				<b>7500.00</b>		
40	<b>Water Proofing Compound</b>	IS: 4031	IS:2645-2003	1250.00	1 liter/ 2 kg and 5 kg Cement	25 days
	i Setting time			2500.00		
	ii Compressive Strength 3, 7 days			1250.00		
	iii Chloride Content			<b>5000.00</b>		
41	<b>Bituminous Concrete / Bituminous Macadam / Mastic</b>	----	(MORTH)		5 kg	20 days
	i Bitumen Content % by mass			5500.00		
	ii Aggregate Size (Sieve Analysis)			1250.00		
				<b>6750.00</b>		
42	<b>Construction Water</b>	IS 3025	IS: 456		2 liter	20 days
	i 0.02 N NaOH required to neutralize 100 ml sample			750.00		
	ii 0.02 N H <sub>2</sub> SO <sub>4</sub> required to neutralize 100 ml sample			750.00		
	iii Sulphate (as SO <sub>3</sub> )			750.00		
	iv Chloride (as Cl)			750.00		



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S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
	v Organic solids			750.00		
	vi Inorganic solids			750.00		
	vii Suspended matters			750.00		
	viii pH			750.00		
				<b>6000.00</b>		
<b>43</b>	<b>Mix Design of Concrete</b>					
i	OPC/ PPC Cement without Fly Ash		IS 10262	35000.00	Coarse Aggregate: 150 kg Fine Aggregate:	45 Days
ii	OPC/ PPC Cement with Fly Ash			40000.00	as (i) above and Fly Ash: 100 kg	45 Days
<b>44</b>	<b>Job Mix</b>					
i	Granular Sub Base (GSB)		MORTH Sec 400	35000.00	Coarse Aggregate 6.5, 10&20, Sand - 50kg	30 Days
ii	Wet Mix Macadam			35000.00	Coarse Aggregate 6.5, 10&20, Sand - 50kg	30 Days
iii	Bitumen			35000.00	Coarse Aggregate 6.5, 10&20, Sand - 50kg, Bitumen - 2kg & Lime 2kg	45 Days
<b>45</b>	<b>Cement Mortar - Chemical Composition (Ratio test)</b>	IS:1199		5000.00	10 kg	20 Days
<b>46</b>	<b>UV Stabilized Fiber Glass Reinforced Plastic Sheet</b>	----	IS:12866	500.00 750.00 1750.00 750.00 1250.00 750.00	1 x 1 m	20 days
i	Thickness					
ii	Density					
iii	Glass Content					
iv	Water Absorption					
v	Bolt Shear Test					
vi	Load Deflection test					



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S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
	vii Tensile Strength			1250.00		
	viii Cross Breaking Strength			1250.00		
				<b>8250.00</b>		
47	<b>Gypsum Building Plaster</b>					
i	SO <sub>3</sub> by mass	IS:2542	IS:2547 (Pt.-I)	750.00	10 kg	25 days
ii	CaO <sub>3</sub> percent by mass			750.00		
iii	MgO %			750.00		
iv	Na <sub>2</sub> O %			750.00		
v	Loss on Ignition			750.00		
vi	Setting time			1250.00		
vii	Transverse strength			1250.00		
viii	Soundness			750.00		
ix	Residue on 1.8mm			1250.00		
				<b>8250.00</b>		
48	<b>APP (Atactic Polypropylene Polymer) Water Proofing Membrane</b>					
i	Thickness of Membrane	CPWD Vol. II		500.00	1 x 1 m	20 days
ii	Weight of Membrane			750.00		
iii	Tensile Strength (Longitudinal / Crosswise)					
iv	Longitudinal			1250.00		
v	Crosswise			1250.00		
vi	Softening Point			750.00		
vii	Cold Flexibility			1250.00		
				<b>5750.00</b>		
D	<b>PIPE</b>					
1	<b>RCC Pipe</b>					
i	Dimension	IS:1608	IS: 458	3000.00	1 No. Full Size	25 Days
ii	Water Absorption - 10 minute			750.00		
iii	Water Absorption - 24 hours			750.00		
	Reinforcement - HD/ MS Wire					
v	(a) Yield Stress/ Proof Stress			750.00		
vi	(b) Tensile Strength			1250.00		



# राज्य लघु उद्योग निगम लिमिटेड THE NATIONAL SMALL INDUSTRIES CORPORATION LIMITED

(भारत सरकार का उद्यम)(A Government of India Enterprises)

ओखला औद्योगिक संपदा, नई दिल्ली-११००२० OKHLA INDUSTRIAL ESTATE, NEW DELHI - 110020

## सामग्री परीक्षण प्रयोगशाला (ISO/IEC 17025:2005 accredited) MATERIAL TESTING LABORATORY

### SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
	vii (c) Elongation			750.00		
	viii Chemical Analysis of HD/ MS Wire			2000.00		
				<b>9250.00</b>		
<b>2</b>	<b>UPVC Pipe</b>					
i	Dimension			1000.00		
ii	Density			750.00		
iii	Reversion Test			1250.00		
iv	Resistant to External Blow			750.00		
v	Sulphate Ash Content			1250.00		
vi	Visual Test			500.00		
				<b>5500.00</b>		
<b>3</b>	<b>PVC Conduct Pipe</b>					
i	Dimension (Dia & Thickness)			1000.00		
ii	Bend Test			1250.00		
iii	Compressive Test			1250.00		
iv	Impact Test			750.00		
v	Resistance to Heat			750.00		
vi	Resistance to Burning			750.00		
				<b>5750.00</b>		
<b>4</b>	<b>CPVC Pipe</b>					
i	Dimension (φxTx Ovality)			1500.00		
ii	Density			1250.00		
iii	Reversion Test			1250.00		
iv	Resistant to External Blow			750.00		
v	Flattening test			750.00		
vi	Visual Test			500.00		
				<b>6000.00</b>		
<b>5</b>	<b>M S Conduit Pipe</b>					
i	Dimension (Dia & Thickness)			1000.00		
ii	Bend Test			1250.00		
iii	Compressive Test			1250.00		
				<b>3500.00</b>		



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ओखला औद्योगिक संपदा, नई दिल्ली-११००२० OKHLA INDUSTRIAL ESTATE, NEW DELHI - 110020

## सामग्री परीक्षण प्रयोगशाला (ISO/IEC 17025:2005 accredited) MATERIAL TESTING LABORATORY

### SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration			
6	<b>GI Conduit Pipe</b>			1000.00 1250.00 1250.00 2000.00 <b>5500.00</b>	2 No. Full Size	25 Days			
	i Dimension (Dia & Thickness)								
	ii Bend Test								
	iii Compressive Test								
	iv Zinc Coating								
7	<b>M. S. Pipe/ G. I. Pipe</b>	----	IS: 1239, IS:4736	500.00 500.00 500.00 500.00 750.00 750.00 750.00 1250.00 750.00 2000.00 <b>11000.00</b>	1 No. Full Size	25 Days			
	i Dimension								
	(a) Bore								
	(b) Outside Diameter								
	(c) Diameter (Minimum)								
	(d) Thickness								
	ii Weight per meter								
	iii Flattening test								
	iv Breaking Load								
	v Tensile Strength		IS:1608						
8	vi Elongation								
	vii Bend Test								
	viii Chemical Analysis (C,Mn,S & P)		IS: 1239	2000.00					
	ix Zinc Coating		IS:6745	IS:4736	2000.00				
9	<b>S. S. Pipe</b>	----	IS: 6911	1000.00 1250.00 750.00 750.00 2500.00 750.00 <b>7000.00</b>	1 No. Full Size	25 Days			
	i Dimension								
	ii Tensile Strength								
	iii Elongation								
	iv Proof Stress								
	v Chemical Analysis		IS:228						
	vi Hardness		IS:1586						
9	<b>C. I. Pipe</b>	----	IS: 3989, 1536	2000.00 2000.00 750.00	1 No. Full Size	25 Days			
	i Dimension								
	ii a) Barrel								
	iii b) Socket								
	iv Mass								



राज्य लघु उद्योग निगम लिमिटेड THE NATIONAL SMALL INDUSTRIES CORPORATION LIMITED

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ओखला औद्योगिक संपदा, नई दिल्ली-११००२० OKHLA INDUSTRIAL ESTATE, NEW DELHI - 110020

**सामग्री परीक्षण प्रयोगशाला (ISO/IEC 17025:2005 accredited) MATERIAL TESTING LABORATORY**

**SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022**

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
	v Hammer Test	IS:1536		750.00		
				<b>5500.00</b>		
10	<b>MS Square &amp; Rectangular Pipe</b>		IS: 4923			
i	Tensile Strength	----	IS: 4923	1250.00	1 No. Full Size	25 Days
ii	Yield Stress			750.00		
iii	Thickness			500.00		
iv	Weight			750.00		
v	Dimension			1000.00		
vi	Chemical Analysis			2500.00		
				<b>6750.00</b>		
11	<b>DWC Pipe (Conduit System for Cable Management)</b>		IS: 16205			
i	Dimension	----	IS: 16205	1000.00	1 No. Full Size	25 Days
ii	Compression Test (-5°C for 2hr)			2500.00		
iii	Impact Test			750.00		
iv	Bending Test (Upto 90mm dia)			1250.00		
a)	At Room Temperature			1250.00		
b)	At -5°C			<b>6750.00</b>		
12	<b>DWC Pipe (Structured Wall Plastic Piping Systems for Non-Pressure Drainage &amp; Sewerage)</b>		IS: 16098			
i	Inside Dia	----	IS: 16098	500.00	1 No. Full Size	25 Days
ii	Thickness (E4 & E5)			1000.00		
iii	Density			750.00		
iv	Resistance to Heat			1250.00		
v	Visual test			500.00		
				<b>4000.00</b>		
13	<b>HDPE Pipe (HIGH DENSITY POLYETHYLENE Pipe for Sewerage)</b>		IS: 14333			
i	Out Side Dia	----	IS: 14333	500.00	1 No. Full Size	25 Days
ii	Thickness			500.00		
iii	Reversion Test			1250.00		
iv	Density			750.00		



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ओखला औद्योगिक संपदा, नई दिल्ली-११००२० OKHLA INDUSTRIAL ESTATE, NEW DELHI - 110020

**सामग्री परीक्षण प्रयोगशाला (ISO/IEC 17025:2005 accredited) MATERIAL TESTING LABORATORY**

**SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022**

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
	v Visual Test			500.00		
				3500.00		
14	HDPE Pipe (HIGH DENSITY POLYETHYLENE Pipe for Water Supply)		IS: 4984			
i	Out Side Dia	----		500.00		
ii	Thickness	----		500.00		
iii	Reversion Test	----		1250.00		
iv	Density	----		750.00		
v	Visual Test	----		500.00		
vi	Colour	----		500.00		
				4000.00		
15	Glazed Stoneware Pipe		IS: 651			
i	Dimension	----		2000.00		
ii	Water Absorption	----		750.00		
iii	Acid Resistance	----		1250.00		
iv	Alkali Resistance	----		1250.00		
				5250.00		
E	Miscellaneous Items					
1	Cable Tray	IS:1079	IS:1079			
i	Thickness			500.00		
ii	Dimension			1000.00		
iii	Perforated Area			750.00		
iv	Zinc Coating			2000.00		
v	Chemical Analysis			2000.00		
				6250.00		
2	Mild Steel (Plate/Sheet/Angle/Channel)	IS: 2062	IS: 2062			
i	Tensile Strength			1250.00		
ii	Yield Stress			750.00		
iii	Elongation			750.00		
iv	Chemical Analysis			2500.00		
v	Thickness			500.00		
vi	Weight			750.00		



# राज्य लघु उद्योग निगम लिमिटेड THE NATIONAL SMALL INDUSTRIES CORPORATION LIMITED

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ओखला औद्योगिक संपदा, नई दिल्ली-११००२० OKHLA INDUSTRIAL ESTATE, NEW DELHI - 110020

## सामग्री परीक्षण प्रयोगशाला (ISO/IEC 17025:2005 accredited) MATERIAL TESTING LABORATORY

### SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
	vi Bend (As per Customer Requirement)			750.00		
				<b>7250.00</b>		
3	<b>CRCA Sheet</b>					
i	Tensile Strength			1250.00		
ii	Yield Stress			750.00		
iii	Thickness			500.00		
iv	Bend Test			750.00		
v	Chemical Analysis			2500.00		
				<b>5750.00</b>		
4	<b>Steel/ERW/CRCA Tube</b>					
i	Bend Test			750.00		
ii	Drift %			750.00		
iii	Tensile Strength			1250.00		
iv	Yield Stress			750.00		
v	Elongation			750.00		
vi	Weight			750.00		
vii	Thickness			500.00		
vii	Chemical Analysis			2500.00		
				<b>8000.00</b>		
5	<b>Aluminium Section</b>					
i	Tensile Strength			1250.00		
ii	Proof Stress			750.00		
iii	Elongation			750.00		
iv	Weight			750.00		
v	Dimension			1000.00		
vi	Powder Coating			2000.00		
vii	Chemical Analysis			2500.00		
				<b>9000.00</b>		
6	<b>STEEL WIRE FOR SPRINGS</b>					
i	Tensile Strength	IS:1608		1250.00		
ii	Wrapping Test	IS:1755		750.00		
iii	Torsion			1250.00		
iv	Bend Test	IS:1599		750.00		
v	Chemical Properties	IS:228		2000.00		



# राज्य लघु उद्योग निगम लिमिटेड THE NATIONAL SMALL INDUSTRIES CORPORATION LIMITED

(भारत सरकार का उद्यम)(A Government of India Enterprises)

ओखला औद्योगिक संपदा, नई दिल्ली-११००२० OKHLA INDUSTRIAL ESTATE, NEW DELHI - 110020

## सामग्री परीक्षण प्रयोगशाला (ISO/IEC 17025:2005 accredited) MATERIAL TESTING LABORATORY

### SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration	
				6000.00			
7	<b>POLYMER/ RUBBER</b>					25 Days	
	i Density/ Specific Gravity	IS:3400	IS: 3400	750.00	50 gm		
	ii Flexural Modulus		IS: 13360	1750.00	300x300 mm		
	iii Flexural Strength		ASTM D790	1250.00	100x100 mm		
	iv Hardness (Shore A/ Shore D)		IS: 13360	750.00	Button		
	v Tensile Strength and Elongation	IS:13360	IS: 3400, 13360	1250.00	150x150 mm		
	Visual Test			500.00	Full Size 1 sample		
				6250.00			
8	<b>SOIL TESTING</b>					100 Kg 25 days	
	i Moisture Density Relationship (MDD/OMC) / Modified Proctor Test / Compaction Test	IS: 2720-7&8	----	4000.00			
	ii Liquid Limit, Plastic Limit & Plasticity Index / Atterberg's Limit			4000.00			
	iii Sieve Analysis			1250.00			
	iv Sedimentation Method			2000.00			
	v Hydrometer Analysis			1250.00			
	vi CBR	IS: 2720-16		10000.00			
	vii Free Swelling Index	IS: 2720-40		1000.00			
	viii Porosity	IS: 2720		750.00			
	ix Moisture Content			750.00			
	x Triaxial Test ( C & Value)	IS: 2720-11					
	i). Un consolidated un-drained test			6500.00			
	ii). Consolidated undrained test without pore water pressure			5500.00			
	iii). Consolidated un drain test with pore water pressure			6500.00			
	iv). Consolidated drained test on a). Sand & b). for Clays			10000.00			



राष्ट्रीय लघु उद्योग निगम लिमिटेड THE NATIONAL SMALL INDUSTRIES CORPORATION LIMITED  
NSIC TECHNICAL SERVICES CENTRE

(भारत सरकार का उद्यम)(A Government of India Enterprises)

ओखला औद्योगिक संपदा, नई दिल्ली-११००२० OKHLA INDUSTRIAL ESTATE, NEW DELHI - 110020

**सामग्री परीक्षण प्रयोगशाला (ISO/IEC 17025:2005 accredited) MATERIAL TESTING LABORATORY**

**SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022**

S. No.	Type of Test	Test Method	Standard Specification	Recommended Rate ₹ per Sample	Quantity Required	Duration
8	xi Direct Shear Test ( C & Value)	IS: 2720-13		11500.00		
	xii Shrinkage Limit Test	IS: 2720-6		1250.00		
	xiii Classification of Soil	IS-1498		3500.00		
				<b>69750.00</b>		
9	<b>Granular Sub Base (GSB)</b>		MORTH SEC-400		100 Kg	25 days
9	i Sieve Analysis	----		1250.00		
	ii Impact Value			750.00		
	iii Moisture Density Relationship (MDD/OMC) / Modified Proctor Test / Compaction Test			4000.00		
	iv CBR			10000.00		
	v Water Absorption			750.00		
	vi Abrasion Value			2250.00		
	vii Liquid Limit, Plastic Limit & Plasticity Index / Atterberg's Limit			4000.00		
	viii Combined Flakiness & Elongation Index			1250.00		
				<b>24250.00</b>		
10	<b>Wet Mix Macadam</b>				100 Kg	25 days
10	i Sieve Analysis	----		1250.00		
	ii Impact Value			750.00		
	iii Moisture Density Relationship (MDD/OMC) / Modified Proctor Test / Compaction Test			4000.00		
	iv Water Absorption			750.00		
	v Abrasion Value			2250.00		
	vi Liquid Limit, Plastic Limit & Plasticity Index / Atterberg's Limit			4000.00		
	vii Combined Flakiness & Elongation Index			1250.00		
				<b>14250.00</b>		
11	<b>BITUMEN TESTING</b>					
11	i Penetration	IS 1203	----	1500.00		
	ii Penetration Ratio			1500.00		
	iii Specific Gravity	IS 1202		1500.00		
	iv Softening Point	IS 1205		1500.00		
	v Ductility	IS 1208		1500.00		
				<b>7500.00</b>		



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ओखला औद्योगिक संपदा, नई दिल्ली-११००२० OKHLA INDUSTRIAL ESTATE, NEW DELHI - 110020

**सामग्री परीक्षण प्रयोगशाला (ISO/IEC 17025:2005 accredited) MATERIAL TESTING LABORATORY**

**SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022**

S. No.	Type of Test	Test Method	Standard Specification	Recommended Rate ₹ per Sample	Quantity Required	Duration
12	<b>TEXTILE</b>		---		1 Pc.	20 days
	i Synthetic Blood Penetration Test	ISO 16603		3500.00		
	ii Thickness Test	ISO 5084		500.00		
	iii GSM	IS 1964 & ISO 3801		750.00		
	iv Tensile Strength (Avg. of Five Specimens)	IS 1969 & ISO 13934-1		1250.00		
	v Elongation Strength			750.00		
				<b>6750.00</b>		
13	<b>Dynamometer (Load Verification) 20 T</b>			5500.00	1 Pc.	15 days
14	<b>Flyash</b>		IS:1727	IS:3812	1 bag	35days
	i Total chloride in % by mass	750.00				
	ii Loss of ignition in % by mass	1250.00				
	iii Silicon dioxide + aluminium oxide + iron oxide % by mass	2500.00				
	iv Silicon dioxide % by mass	1250.00				
	v Magnesium oxide % by mass	750.00				
	vi Total sulphur content % by mass	1250.00				
	vii Fineness specific surface in m <sup>2</sup> /kg	1250.00				
	viii Compressive Strength at 28days in N/mm <sup>2</sup>	1250.00				
	ix Soundness	1250.00				
	x Sieve Analysis	1750.00				
				<b>13250.00</b>		



# राजस्व तकनीकी सेवा केंद्र NSIC TECHNICAL SERVICES CENTRE राष्ट्रीय लघु उद्योग निगम लिमिटेड THE NATIONAL SMALL INDUSTRIES CORPORATION LIMITED

(भारत सरकार का उद्यम)(A Government of India Enterprises)

ओखला औद्योगिक संपदा, नई दिल्ली-११००२० OKHLA INDUSTRIAL ESTATE, NEW DELHI - 110020

## सामग्री परीक्षण प्रयोगशाला (ISO/IEC 17025:2017 accredited) MATERIAL TESTING LABORATORY

### GENERAL TERMS & CONDITIONS FOR TESTING EFFECTIVE FROM 01 Oct 2022

**Contact Details:-** Material Testing Laboratory, NSIC Technical Services Centre, Near Govindpuri Metro Station, Okhla Industrial Estate, New Delhi-110020,

**Telephone:** 011-26826801 (Extn. 225), **Mobile:** 7874757687, 9868922166, 7985980234, **Email:** ntscok.mtlab@gmail.com, **Website:** www.nsic.co.in

#### GENERAL TERMS & CONDITIONS:

- 1 The quantity required are approximate.
- 2 The duration is working days of the centre and is indicative.
- 3 Sample(s) are not drawn by us and description of sample is as provided by the customer.
- 4 The testing charges inclusive of GST will be paid in advance by means of CBS Cheque/ DD/ NEFT/ RTGS in favour of - ACCOUNT NAME - THE NATIONAL SMALL INDUSTRIES CORPN LTD, BANK NAME- HDFC BANK LTD, BRANCH ADDRESS - OKHLA INDSUTRIAL AREA PHASE-3, NEW DELHI-20, BANK A/C NO- 50200083783571, BANK IFSC CODE-HDFC0002074.
- 5 GSTIN No.07AAACT0686N2ZX , CIN No.- U74140DL1955GOI002481 & SAC No. - 998346.
- 6 GST will be charged extra as applicable according to the rule of Govt. of India.
- 7 Sample with testing charges inclusive of GST shall be submitted by customer on all working days Monday to Friday from **09:30 AM to 18:00 PM** at Material Testing Laboratory of the Centre.
- 8 Sample(s) for test will not be accepted without submission of testing charges.

Copy of payment acknowledgement receipt (Clearly Mention Payment Breakup / TDS Deduction details if Applicable along with Proforma Invoice No.) via Email / Hard Copy shall be submitted

9 to Laboratory for respective sample(s) to be tested for further process.

10 Sample submitted will not be returned, if the sample having processed with destruction/ destructive test.

11 Duplicate Test Certificate will be provided against proper request, at the cost of Rs. 500/- + GST Extra (As applicable).

12 On express testing within 48 working hour, wherever applicable, the charges will be doubled.

13 The similar test parameter(s) would be charged same for relatively same product/ material.

14 The rate may be revised at any time without prior intimation in purview of standard(s) and laboratory facility(s).

15 Machining Charges Rs 500 + GST (As applicable) are extra (if required).

16 Officer on-site visit charge Rs. 10000.00 + GST (As applicable) for a day. Customer shall arrange the suitable conveyance, boarding and lodging facility at their own cost.

17 50% Witness charges are extra of the existing testing charges and customer needs to take prior appointment with the laboratory.

Third party quality inspection / physical verification:

(i). For Tender Value / Machine Cost Upto 02 Cr.: 0.75% of tender value / machine cost as per quoted rate.

18 (ii). For Tender Value / Machine Cost Above 02 Cr.: Rs 150000 + 0.25% of tender value / machine cost as per quoted rate of above 2Cr value.

MSME Discount at the rate of 10% and 05% for Micro Units and Small Units Respectively after submission of MSME Certificates (Clearly Mentioned MSME Category of Unit) to the laboratory.



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	NSIC TECHNICAL SERVICES CENTER, OKHLA INDUSTRIAL ESTATE, OKHLA, NEW DELHI, DELHI, INDIA		
<b>Accreditation Standard</b>	ISO/IEC 17025:2017		
<b>Certificate Number</b>	TC-4081	<b>Page No</b>	1 of 16
<b>Validity</b>	26/04/2023 to 25/04/2025	<b>Last Amended on</b>	-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- BUILDING MATERIAL	Cement (OPC & PPC)	Sulphuric Anhydride - by Mass	IS 4032
2	CHEMICAL- BUILDING MATERIAL	Cement - (OPC & PPC)	Alumina - by Mass	IS 4032
3	CHEMICAL- BUILDING MATERIAL	Cement - (OPC & PPC)	Total Loss on Ignition - by Mass	IS: 4032
4	CHEMICAL- BUILDING MATERIAL	CEMENT - ( OPC & PPC)	Ferric Oxide - by Mass	IS 4032
5	CHEMICAL- BUILDING MATERIAL	Cement - ( OPC & PPC)	Insoluble Residue - by Mass	IS 4032
6	CHEMICAL- BUILDING MATERIAL	Cement - ( OPC & PPC)	Magnesia - by Mass	IS 4032
7	CHEMICAL- BUILDING MATERIAL	Cement - ( OPC & PPC)	Silica by Mass	IS 4032
8	CHEMICAL- BUILDING MATERIAL	Cement - (OPC & PPC)	CaO by Mass	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Organic Impurities	IS 2386
10	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Organic Impurities	IS 2386
11	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Aluminium	ANODIC COATING	IS 5523
12	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Aluminium	Powder Coating	IS 101
13	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	G.I. Materials	Mass of Zinc Coating	IS 6745
14	CHEMICAL- METALS & ALLOYS	Alloy steel	Carbon	IS 228
15	CHEMICAL- METALS & ALLOYS	Alloy steel	Chromium	IS 228
16	CHEMICAL- METALS & ALLOYS	Alloy steel	Manganese	IS 228
17	CHEMICAL- METALS & ALLOYS	Alloy steel	Nickel	IS 228



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	NSIC TECHNICAL SERVICES CENTER, OKHLA INDUSTRIAL ESTATE, OKHLA, NEW DELHI, DELHI, INDIA		
<b>Accreditation Standard</b>	ISO/IEC 17025:2017		
<b>Certificate Number</b>	TC-4081	<b>Page No</b>	2 of 16
<b>Validity</b>	26/04/2023 to 25/04/2025	<b>Last Amended on</b>	-

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
18	CHEMICAL- METALS & ALLOYS	Alloy steel	Phosphorus	IS 228
19	CHEMICAL- METALS & ALLOYS	Alloy steel	Silicon	IS 228
20	CHEMICAL- METALS & ALLOYS	Alloy steel	Sulphur	IS 228
21	CHEMICAL- METALS & ALLOYS	Aluminium	Chromium	ASTM E 1251
22	CHEMICAL- METALS & ALLOYS	Aluminium	Copper	ASTM E 1251
23	CHEMICAL- METALS & ALLOYS	Aluminium	Iron	ASTM E 1251
24	CHEMICAL- METALS & ALLOYS	Aluminium	Magnesium	ASTM E 1251
25	CHEMICAL- METALS & ALLOYS	Aluminium	Manganese	ASTM E 1251
26	CHEMICAL- METALS & ALLOYS	Aluminium	Silicon	ASTM E 1251
27	CHEMICAL- METALS & ALLOYS	Aluminium	Zinc	ASTM E 1251
28	CHEMICAL- METALS & ALLOYS	Aluminium (Cast)	Chromium	ASTM E 1251
29	CHEMICAL- METALS & ALLOYS	Aluminium (Cast)	Copper	ASTM E 1251
30	CHEMICAL- METALS & ALLOYS	Aluminium (Cast)	Iron	ASTM E 1251
31	CHEMICAL- METALS & ALLOYS	Aluminium (Cast)	Lead	ASTM E 1251
32	CHEMICAL- METALS & ALLOYS	Aluminium (Cast)	Magnesium	ASTM E 1241
33	CHEMICAL- METALS & ALLOYS	Aluminium (Cast)	Manganese	ASTM E 1251
34	CHEMICAL- METALS & ALLOYS	Aluminium (Cast)	Nickle	ASTM E 1251
35	CHEMICAL- METALS & ALLOYS	Aluminium (Cast)	Silicon	ASTM E 1251
36	CHEMICAL- METALS & ALLOYS	Aluminium (Cast)	Tin	ASTM E 1251



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37	CHEMICAL- METALS & ALLOYS	Aluminium (Cast)	Zinc	ASTM E 1251
38	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Carbon	IS 9879
39	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Chromium	IS 9879
40	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Manganese	IS 9879
41	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Nickel	IS 9879
42	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Phosphorous	IS 9879
43	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Silicon	IS 9879
44	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Sulphur	IS 9879
45	CHEMICAL- METALS & ALLOYS	Brass (Chill Cast)	Aluminium	BS EN 15079
46	CHEMICAL- METALS & ALLOYS	Brass (Chill Cast)	Iron	BS EN 15079
47	CHEMICAL- METALS & ALLOYS	Brass (Chill Cast)	Lead	BS EN 15079
48	CHEMICAL- METALS & ALLOYS	Brass (Chill Cast)	Manganese	BS EN 15079
49	CHEMICAL- METALS & ALLOYS	Brass (Chill Cast)	Nickle	BS EN 15079
50	CHEMICAL- METALS & ALLOYS	Brass (Chill Cast)	Tin	BS EN 15079
51	CHEMICAL- METALS & ALLOYS	CARBON STEEL	ALUMINIUM	IS 8811
52	CHEMICAL- METALS & ALLOYS	CARBON STEEL	CARBON	IS 8811
53	CHEMICAL- METALS & ALLOYS	CARBON STEEL	MANGANESE	IS 8811
54	CHEMICAL- METALS & ALLOYS	CARBON STEEL	PHOSPHORUS	IS 8811
55	CHEMICAL- METALS & ALLOYS	CARBON STEEL	SILICON	IS 8811



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56	CHEMICAL- METALS & ALLOYS	CARBON STEEL	SULPHUR	IS 8811
57	CHEMICAL- METALS & ALLOYS	CARBON STEEL	VANADIUM	IS 8811
58	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	ASTM E 1999 - 18
59	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	ASTM E 1999 - 18
60	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	IS 12308
61	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorous	ASTM E 1999 - 18
62	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	IS 12308
63	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E 1999 - 18
64	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	IS 12308
65	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	ASTM E 1999 - 18
66	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	IS 12308
67	CHEMICAL- METALS & ALLOYS	Cast Iron	Total Carbon	IS 12308
68	CHEMICAL- METALS & ALLOYS	COPPER & ITS ALLOYS	COPPER	IS 4027
69	CHEMICAL- METALS & ALLOYS	COPPER & ITS ALLOYS	IRON	IS 440
70	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	LEAD	IS 440
71	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	TIN	IS 440
72	CHEMICAL- METALS & ALLOYS	COPPER & ITS ALLOYS	ZINC	IS 4027
73	CHEMICAL- METALS & ALLOYS	Copper (Chill Cast)	Aluminium	BS EN 15079
74	CHEMICAL- METALS & ALLOYS	Copper (Chill Cast)	Chromium	BS EN 15079



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75	CHEMICAL- METALS & ALLOYS	Copper (Chill Cast)	Iron	BS EN 15079
76	CHEMICAL- METALS & ALLOYS	Copper (Chill Cast)	Lead	BS EN 15079
77	CHEMICAL- METALS & ALLOYS	Copper (Chill Cast)	Manganese	BS EN 15079
78	CHEMICAL- METALS & ALLOYS	Copper (Chill Cast)	Nickel	BS EN 15079
79	CHEMICAL- METALS & ALLOYS	Copper (Chill Cast)	Phosphorous	BS EN 15079
80	CHEMICAL- METALS & ALLOYS	Copper (Chill Cast)	Silicon	BS EN 15079
81	CHEMICAL- METALS & ALLOYS	Copper (Chill Cast)	Tin	BS EN 15079
82	CHEMICAL- METALS & ALLOYS	Copper (Chill Cast)	Zinc	BS EN 15079
83	CHEMICAL- METALS & ALLOYS	High Carbon Steel	Carbon	IS 228
84	CHEMICAL- METALS & ALLOYS	High Carbon Steel	Manganese	IS 228
85	CHEMICAL- METALS & ALLOYS	High Carbon Steel	Phosphorus	IS 228
86	CHEMICAL- METALS & ALLOYS	High Carbon Steel	Silicon	IS 228
87	CHEMICAL- METALS & ALLOYS	High Carbon Steel	Sulphur	IS 228
88	CHEMICAL- METALS & ALLOYS	Low Alloys Steel	Aluminium	IS 8811
89	CHEMICAL- METALS & ALLOYS	Low Alloys Steel	Carbon	IS: 8811
90	CHEMICAL- METALS & ALLOYS	Low Alloys Steel	Chromium	IS 8811
91	CHEMICAL- METALS & ALLOYS	Low Alloys Steel	Copper	IS 8811
92	CHEMICAL- METALS & ALLOYS	Low Alloys Steel	Manganese	IS 8811
93	CHEMICAL- METALS & ALLOYS	Low Alloys Steel	Molybdenum	IS 8811



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94	CHEMICAL- METALS & ALLOYS	Low Alloys Steel	Nockel	IS 8811
95	CHEMICAL- METALS & ALLOYS	Low Alloys Steel	Phosphorous	IS 8811
96	CHEMICAL- METALS & ALLOYS	Low Alloys Steel	Silicon	IS: 8811
97	CHEMICAL- METALS & ALLOYS	Low Alloys Steel	Sulphur	IS 8811
98	CHEMICAL- METALS & ALLOYS	Low Alloys Steel	Vanatium	IS 8811
99	CHEMICAL- METALS & ALLOYS	Low Carbon Steel	Carbon	IS: 8811
100	CHEMICAL- METALS & ALLOYS	Low Carbon Steel	Carbon	IS228
101	CHEMICAL- METALS & ALLOYS	Low Carbon Steel	Chromium	IS: 8811
102	CHEMICAL- METALS & ALLOYS	Low Carbon Steel	Manganese	IS 228
103	CHEMICAL- METALS & ALLOYS	Low Carbon Steel	Manganese	IS: 8811
104	CHEMICAL- METALS & ALLOYS	Low Carbon Steel	Phosphorus	IS 228
105	CHEMICAL- METALS & ALLOYS	Low Carbon Steel	Phosphorus	IS: 8811
106	CHEMICAL- METALS & ALLOYS	Low Carbon Steel	Silicon	IS 228
107	CHEMICAL- METALS & ALLOYS	Low Carbon Steel	Silicon	IS: 8811
108	CHEMICAL- METALS & ALLOYS	Low Carbon Steel	Sulphur	Is 228
109	CHEMICAL- METALS & ALLOYS	Low Carbon Steel	Sulphur	IS: 8811
110	CHEMICAL- METALS & ALLOYS	Medium carbon steel	Carbon	IS 228
111	CHEMICAL- METALS & ALLOYS	Medium Carbon Steel	Manganese	IS 228
112	CHEMICAL- METALS & ALLOYS	Medium Carbon Steel	Phosphorus	IS 228



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113	CHEMICAL- METALS & ALLOYS	Medium Carbon Steel	Silicon	IS 228
114	CHEMICAL- METALS & ALLOYS	Medium Carbon Steel	Sulphur	IS 228
115	CHEMICAL- METALS & ALLOYS	Phosphorous Bronze (Chill Cast)	Iron	BS EN 15079
116	CHEMICAL- METALS & ALLOYS	Phosphorous Bronze (Chill Cast)	Lead	BS EN 15079
117	CHEMICAL- METALS & ALLOYS	Phosphorous Bronze (Chill Cast)	Phosphorous	BS EN 15079
118	CHEMICAL- METALS & ALLOYS	Phosphorous Bronze (Chill Cast)	Tin	BS EN 15079
119	CHEMICAL- METALS & ALLOYS	Phosphorous Bronze (Chill Cast)	Zinc	BS EN 15079
120	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL	CARBON	IS 8811
121	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL	CARBON	IS 8811
122	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL	CHROMIUM	IS 8811
123	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL	CHROMIUM	IS 8811
124	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL	MANGANESE	IS 8811
125	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL	MANGANESE	IS 8811
126	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL	NICKEL	IS 8811
127	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL	PHOSPHORUS	IS 8811
128	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL	PHOSPHORUS	IS 8811
129	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL	SILICON	IS 8811
130	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL	SILICON	IS 8811
131	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL	SULPHUR	IS 8811



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132	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL	SULPHUR	IS 8811
133	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 228
134	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium	IS 228
135	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese	IS 228
136	CHEMICAL- METALS & ALLOYS	Stainless steel	Nickel	IS 228
137	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorus	IS 228
138	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon	IS 228
139	CHEMICAL- METALS & ALLOYS	Stainless steel	Sulphur	IS 228
140	CHEMICAL- WATER	Construction Water	Acidity	IS 3025
141	CHEMICAL- WATER	Construction Water	Alkalinity	IS 3025
142	CHEMICAL- WATER	Construction Water	Chloride	IS 3025
143	CHEMICAL- WATER	Construction Water	Inorganic Solid	IS 3025
144	CHEMICAL- WATER	Construction Water	Organic Solid	IS 3025
145	CHEMICAL- WATER	Construction Water	pH Value	IS 3025
146	CHEMICAL- WATER	Construction Water	Sulphate	IS 3025
147	CHEMICAL- WATER	Construction Water	Total Suspended Materials	IS 3025
148	MECHANICAL- BUILDINGS MATERIALS	AAC BLOCKS	Dimension- Length	IS 2185
149	MECHANICAL- BUILDINGS MATERIALS	AAC BLOCKS	Compressive Strength	IS 2185
150	MECHANICAL- BUILDINGS MATERIALS	AAC BLOCKS	DENSITY	IS 2185
151	MECHANICAL- BUILDINGS MATERIALS	AAC BLOCKS	Dimension - Height	IS 2185
152	MECHANICAL- BUILDINGS MATERIALS	AAC BLOCKS	Dimension - Width	IS 2185
153	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay Brick)	Compressive Strength	IS 1077



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154	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay Brick)	Dimension - Height	IS 1077
155	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay Brick)	Dimension- Length	IS 1077
156	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay Brick)	Dimension- Width	IS 1077
157	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay Brick)	Efflorescence	IS 1077
158	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay Brick)	Water Absorption	IS 1077
159	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Compressive Strength - 168 Hrs	IS 4031
160	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Compressive Strength - 672 Hrs	IS 4031
161	MECHANICAL- BUILDINGS MATERIALS	CEMENT (OPC & PPC)	Compressive Strength - 72 Hrs	IS 4031
162	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Consistency	IS 4031
163	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Final Setting Time	IS 4031
164	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Initial Setting Time	IS 4031
165	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Soundness - Autoclave	IS 4031
166	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Soundness - Le-chatelier	IS 4031
167	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fine Value	IS 2386
168	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386
169	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386
170	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Materials	IS 2386
171	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386
172	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386



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173	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386
174	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (06mm to 40mm)	IS 2386
175	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness (Magnesium Sulphate Method)	IS 2386
176	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness (Sodium Sulphate Method)	IS 2386
177	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386
178	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386
179	MECHANICAL- BUILDINGS MATERIALS	Concrete Cubes	Compressive Strength	IS 516
180	MECHANICAL- BUILDINGS MATERIALS	Fiber Glass Reinforce Plastic Plain Sheet	Density ( Mass per unit area)	IS 11551
181	MECHANICAL- BUILDINGS MATERIALS	Fiber Glass Reinforce Plastic Plain Sheet	Glass Content - by Mass	IS: 12866
182	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386
183	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious materials	IS 2386
184	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386
185	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness (Magnesium Sulphate Method)	IS 2386
186	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness (Sodium Sulphate Method)	IS 2386
187	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386
188	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386
189	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Brick	Dimension - Height	IS 12894
190	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Brick	Dimension - Length	IS 12894
191	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Brick	Dimension - Width	IS 12894



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192	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Brick	Efflorescence	IS: 12894
193	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Brick	Water Absorption	IS 12894
194	MECHANICAL- BUILDINGS MATERIALS	Granite	Compressive Strength	IS 1121
195	MECHANICAL- BUILDINGS MATERIALS	Granite	Specific Gravity	IS 1124
196	MECHANICAL- BUILDINGS MATERIALS	Granite	Water Absorption	IS 1124
197	MECHANICAL- BUILDINGS MATERIALS	Kota Stone	Durability	IS 3622
198	MECHANICAL- BUILDINGS MATERIALS	MAN HOLE COVER & FRAME	DIMENSION -FRAME	IS 12592
199	MECHANICAL- BUILDINGS MATERIALS	MANHOLE COVER AND FRAME	LOAD TEST	IS 12592
200	MECHANICAL- BUILDINGS MATERIALS	Marbles	Specific Gravity	IS 1122
201	MECHANICAL- BUILDINGS MATERIALS	Marbles	Water Absorption	IS 1124
202	MECHANICAL- BUILDINGS MATERIALS	Pavers Blocks	Dimension - Length	IS 15658
203	MECHANICAL- BUILDINGS MATERIALS	Pavers Block	Compressive Strength	IS 15658
204	MECHANICAL- BUILDINGS MATERIALS	Pavers Block	Dimension - Thickness	IS 15658
205	MECHANICAL- BUILDINGS MATERIALS	Pavers Block	Dimension - Width	IS 15658
206	MECHANICAL- BUILDINGS MATERIALS	Pavers Block	Water Absorption	IS 15658
207	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Kerbs	Dimension - Height	IS 5758
208	MECHANICAL- BUILDINGS MATERIALS	PRECAST CONCRETE KERBS	Dimension - Length	IS 5758
209	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Kerbs	Dimension - width	IS 5758
210	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Kerbs	Transverse Strength	IS 5758



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211	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Kerbs	Water Absorption - 10 minutes	IS 5758
212	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Kerbs	Water Absorption - 24 hours	IS 5758
213	MECHANICAL- BUILDINGS MATERIALS	Red & White Sand Stone	Transverse Strength	IS 1121
214	MECHANICAL- BUILDINGS MATERIALS	Red & White Sand Stone	Water Absorption	IS 1122
215	MECHANICAL- BUILDINGS MATERIALS	SAND STONE	Durability	IS 3622
216	MECHANICAL- BUILDINGS MATERIALS	Sewer Brick	Compressive Strength	IS 4885
217	MECHANICAL- BUILDINGS MATERIALS	Sewer Brick	Dimension - Height	IS 4885
218	MECHANICAL- BUILDINGS MATERIALS	Sewer Brick	Dimension- Length	IS 4885
219	MECHANICAL- BUILDINGS MATERIALS	Sewer Brick	Dimension- Width	IS 4885
220	MECHANICAL- BUILDINGS MATERIALS	Sewer Brick	Efflorescence	IS 4885
221	MECHANICAL- BUILDINGS MATERIALS	Sewer Brick	Water Absorption	IS 4885
222	MECHANICAL- BUILDINGS MATERIALS	Tiles	Breaking Strength	IS 13630
223	MECHANICAL- BUILDINGS MATERIALS	Tiles	Dimension - Length	IS 13630
224	MECHANICAL- BUILDINGS MATERIALS	Tiles	Dimension - Thickness	IS 13630
225	MECHANICAL- BUILDINGS MATERIALS	Tiles	Dimension - Width	IS 13630
226	MECHANICAL- BUILDINGS MATERIALS	Tiles	Modulus of Rupture	IS 13630
227	MECHANICAL- BUILDINGS MATERIALS	Tiles	Water Absorption	IS 13630
228	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials	Bend	IS1599



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
229	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials	Elongation % at break	IS 1608
230	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials	Mass per meter	IS 1786
231	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials	Rockwell Hardness Test (HRC)	IS1586
232	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials	Rockwell Hardness Test HRB(W)	IS 1586
233	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials	Tensile Strength	IS 1608
234	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials	Yield Stress	IS 1608
235	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous materials	Bend	IS 1599
236	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous materials	Elongation % at break	IS 1608
237	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials	Tensile Strength	IS 1608
238	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Pipes & Tubes	Flattening	IS 2328
239	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	DWC HDPE PIPE	IMPACT TEST	IS 16205 (Part 24)
240	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	DWC HDPE PIPES	BENDING TEST AT (-5+-1) DEGREE CENTIGRADE	IS 16205 (Part 24)
241	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	DWC HDPE PIPES	BENDING TEST AT ROOM TEMP.	IS 16205 (Part 24)
242	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	DWC HDPE PIPES	COMPRESSION TEST	IS 16205 (Part 24)
243	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	DWC HDPE PIPES	Dimension - Out Side Diameter	IS: 16205(Part 24)



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** NSIC TECHNICAL SERVICES CENTER, OKHLA INDUSTRIAL ESTATE, OKHLA, NEW DELHI, DELHI, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-4081

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**Validity** 26/04/2023 to 25/04/2025

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
244	MECHANICAL- SOIL AND ROCK	SOIL	California Bearing Ratio (CBR)	IS 2720
245	MECHANICAL- SOIL AND ROCK	SOIL	Free Swelling Index	IS 2720
246	MECHANICAL- SOIL AND ROCK	SOIL	Liquid Limit	IS 2720
247	MECHANICAL- SOIL AND ROCK	SOIL	Maximum Dry Density (MDD)	IS 2720
248	MECHANICAL- SOIL AND ROCK	SOIL	Optimum Moisture Content (OMC)	IS 2720
249	MECHANICAL- SOIL AND ROCK	SOIL	Plastic Limit	IS 2720
250	MECHANICAL- SOIL AND ROCK	SOIL	Specific Gravity	IS 2720
251	MECHANICAL- TEXTILE MATERIALS	Fabrics	ELONGATION AT BREAK	IS 15891
252	MECHANICAL- TEXTILE MATERIALS	Fabrics	Elongation at Break	IS 15891
253	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven and Non Woven)	Resistance of Protective Clothing Materials to Penetration by Blood and Body Fluids using Synthetic Blood	ISO 16603
254	MECHANICAL- TEXTILE MATERIALS	Fabrics (woven & non woven)	Tensile strength	IS 15891
255	MECHANICAL- TEXTILE MATERIALS	FABRICS (WOVEN AND NON WOVEN)	GSM	ISO 3801
256	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven and Non Woven)	Resistance of Protective Clothing Materials to Penetration by Blood and Body Fluids using Synthetic Blood.	IS 16546
257	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven and non Woven)	TENSILE STRENGTH	IS 15891
258	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven and Non Woven)	THICKNESS	IS 7702
259	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven and non Woven)	THICKNESS	ISO 5084
260	MECHANICAL- WOOD AND WOOD PRODUCTS	Flush Door Shutter	Dimension (Length)	IS 2202



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
261	MECHANICAL- WOOD AND WOOD PRODUCTS	Flush Door Shutter	End Immersion	IS 2202
262	MECHANICAL- WOOD AND WOOD PRODUCTS	Flush Door Shutter	Glue Adhesion	IS 2202
263	MECHANICAL- WOOD AND WOOD PRODUCTS	Flush Door Shutter	Knife Test	IS 2202
264	MECHANICAL- WOOD AND WOOD PRODUCTS	Flush Door Shutter	Squareness	IS 2202
265	MECHANICAL- WOOD AND WOOD PRODUCTS	Flush Door Shutter	Thickness	IS 2202
266	MECHANICAL- WOOD AND WOOD PRODUCTS	Flush Door Shutter	Width	IS 2202
267	MECHANICAL- WOOD AND WOOD PRODUCTS	MDF BOARD	DENSITY	IS2380
268	MECHANICAL- WOOD AND WOOD PRODUCTS	MDF BOARD	MOISTURE CONTENT	IS2380
269	MECHANICAL- WOOD AND WOOD PRODUCTS	MDF BOARD	SWELLING IN WATER	IS 2380
270	MECHANICAL- WOOD AND WOOD PRODUCTS	MDF BOARD	WATER ABSORPTION	IS2380
271	MECHANICAL- WOOD AND WOOD PRODUCTS	PLYWOOD	DIMENSION- THICKNESS	IS 303
272	MECHANICAL- WOOD AND WOOD PRODUCTS	PLYWOOD	DIMENSION- WIDTH	IS303
273	MECHANICAL- WOOD AND WOOD PRODUCTS	PLYWOOD	GLUE ADHESION	IS1734
274	MECHANICAL- WOOD AND WOOD PRODUCTS	PLYWOOD	LENGTH	IS303
275	MECHANICAL- WOOD AND WOOD PRODUCTS	PLYWOOD	MOISTURE CONTENT	IS1734
276	MECHANICAL- WOOD AND WOOD PRODUCTS	PLYWOOD	WATER ABSORPTION	IS2380
277	MECHANICAL- WOOD AND WOOD PRODUCTS	PLYWOOD	WATER RESISTANCE	IS 1734
278	MECHANICAL- WOOD AND WOOD PRODUCTS	PRE-LAMINATED PARTICLE BOARD	DENSITY	IS2380
279	MECHANICAL- WOOD AND WOOD PRODUCTS	Pre-Laminated Particle Board	Modulus of Elasticity	IS 2380



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
280	MECHANICAL- WOOD AND WOOD PRODUCTS	Pre-Laminated Particle Board	Modulus of Rupture	IS: 2380
281	MECHANICAL- WOOD AND WOOD PRODUCTS	PRE-LAMINATED PARTICLE BOARD	MOISTURE CONTENT	IS2380
282	MECHANICAL- WOOD AND WOOD PRODUCTS	PRE-LAMINATED PARTICLE BOARD	RESISTANCE TO CIGARETTE	IS 2380
283	MECHANICAL- WOOD AND WOOD PRODUCTS	PRE-LAMINATED PARTICLE BOARD	RESISTANCE TO STEAM	IS2380
284	MECHANICAL- WOOD AND WOOD PRODUCTS	PRE-LAMINATED PARTICLE BOARD	SWELLING IN THICKNESS	IS2380
285	MECHANICAL- WOOD AND WOOD PRODUCTS	PRE-LAMINATED PARTICLE BOARD	WATER ABSORPTION	IS 2380
286	MECHANICAL- WOOD AND WOOD PRODUCTS	PRE-LAMINATED PARTICLE BOARD	WATER ABSORPTION	IS2380
287	MECHANICAL- WOOD AND WOOD PRODUCTS	VENEERED PARTICLE BOARD	DENSITY	IS 2380
288	MECHANICAL- WOOD AND WOOD PRODUCTS	VENEERED PARTICLE BOARD	MOISTURE CONTENT	IS 2380
289	MECHANICAL- WOOD AND WOOD PRODUCTS	VENEERED PARTICLE BOARD	WATER ABSORPTION	IS2380
290	MECHANICAL- WOOD AND WOOD PRODUCTS	VENERRED PARTICLE BOARD	SWELLING IN THICKNESS	IS2380
291	MECHANICAL- WOOD AND WOOD PRODUCTS	WOOD PRODUCTS	ADJUSTED SPECIFIC GRAVITY	IS 1708
292	MECHANICAL- WOOD AND WOOD PRODUCTS	WOOD PRODUCTS	MOISTURE CONTENT	IS287



राज०उ०नि० तकनीकी सेवा केंद्र NSIC TECHNICAL SERVICES CENTRE  
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(भारत सरकार का उद्यम)(A Government of India Enterprises)

ओखला औद्योगिक संपदा, नई दिल्ली-११००२० OKHLA INDUSTRIAL ESTATE, NEW DELHI - 110020

**सामग्री परीक्षण प्रयोगशाला (ISO/IEC 17025:2005 accredited) MATERIAL TESTING LABORATORY**

**SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022**

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
<b>A CHEMICAL ANALYSIS OF METAL</b>						
1	Single Element (Purity)	-	-	750.00	1 sample	20 days
	Ferrous Material (upto 5 Elements)					
i	Manganese Steel	IS:228	IS:1870	2000.00		
ii	Plain Carbon Steel/ Cast iron/ Pig Iron			2000.00		
iii	Alloy Steel/ Alloy Cast Iron (more than 5 elements)			2500.00		
iv	Alloying Elements (more than 5 elements)			2500.00		
v	Main Element Only			750.00		
vi	Ferrous Material (more than 5 Elements)			2500.00		
2	Ferro Alloys upto 5 Elements					
i	Main Element Only			750.00		
3	Non-Ferrous Material					
i	Copper Base	IS:3685	IS:1264, 318, 319	2500.00		
ii	Tin Base	IS:27	IS:26	2500.00		
iii	Lead Base	IS:1409	IS:27	2500.00		
iv	Aluminium Base	IS:504	IS:1285, 733, 737	2500.00		
<b>B Measurement of Plating Thickness</b>						
1	Anodic Coating (Al)	IS:5523	IS:1868	2000.00		
2	Mass of Zinc Coating determination	IS:6745	IS:4736	2000.00		
3	Uniformity of Zinc Coating Test (Dip Test)	IS:2629	IS:4736	2000.00		
4	Hard Chrome Plating	IS:3203	IS:1068	2000.00		
5	Nickel Chrome Plating	IS:3203	IS:1068	2000.00		
6	Powder Coating	IS:101	IS:13871	2000.00		
<b>C BUILDING MATERIAL TESTING</b>						
1	Wooden Flush Door Shutters (Solid Core Type) / (a) Particle Board and Hardboard Face Panels (b) Plywood face panel					
i	Dimension Test					
	(a) Height			500.00		
	(b) Width			500.00		



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### SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration	
	(c)Thickness	IS: 4020	IS: 2202	500.00	Full Door	45 days	
	ii Squareness Test			500.00			
	iii General Flatness Test			500.00			
	iv Impact Indentation Test			2000.00			
	v Flexure Test			2500.00			
	vi Edge Loading Test			1000.00			
	vii Shock Resistance Test			4000.00			
	viii End Immersion			3500.00			
	ix Glue Adhesion			2000.00			
	x Knife Test			500.00			
	xi Screw withdrawal test			1500.00			
	xii Slamming test			500.00			
	xiii Buckling test			500.00			
				<b>20500.00</b>			
2	<b>Structural Timber/ Wood</b>		IS: 883		1 x 0.25 m	25 days	
	i Moisture content	IS:287		750.00			
	ii Density/ Unit Mass	IS:399		750.00			
	iii Modulus of Elasticity	IS:1708		1250.00			
	iv Modulus of Rapture			1250.00			
	v Compression Stress II to grain			500.00			
	vi Compression Stress L to grain			500.00			
	vii Feature Analysis			500.00			
	viii Visual Test			500.00			
				<b>6000.00</b>			
3	<b>Block Board</b>		IS:2380	IS:1659	Full Board	35 days	
	i Resistance to Water	2500.00					
	ii Modulus of Rapture	1250.00					
	iii Modulus of Elasticity	1250.00					
				<b>5000.00</b>			



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**सामग्री परीक्षण प्रयोगशाला (ISO/IEC 17025:2005 accredited) MATERIAL TESTING LABORATORY**

**SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022**

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
4	<b>Wood Particle Board</b>		IS: 3087		Full Board	25 days
	i Dimension					
	(a) Height			500.00		
	(b) Width			500.00		
	(c) Thickness			500.00		
	ii Water Absorption			1250.00		
	iii Swelling Test			1250.00		
	iv Modulus of Rapture			1250.00		
	v Tensile Strength			1250.00		
	vi Screw withdrawal test			1250.00		
	vii Density			750.00		
	viii Modulus of Elasticity			1250.00		
	ix Moisture content			750.00		
				<b>10500.00</b>		
5	<b>Pre-laminated Particle Board</b>		IS: 12823		Full Board	25 days
	i Dimension					
	(a) Height			500.00		
	(b) Width			500.00		
	(c) Thickness			500.00		
	ii Water Absorption			1250.00		
	iii Swelling Test			1250.00		
	iv Modulus of Rapture			1250.00		
	v Tensile Strength			1250.00		
	vi Screw withdrawal test			1250.00		
	vii Density			750.00		
	viii Modulus of Elasticity			1250.00		
	ix Moisture content			750.00		
	x Resistance to Steam			1000.00		
	xi Resistance to Crack			1000.00		
	xii Resistance to Stain			2000.00		



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## सामग्री परीक्षण प्रयोगशाला (ISO/IEC 17025:2005 accredited) MATERIAL TESTING LABORATORY

### SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
	xiii Resistance to Cigarette Burn			500.00		
				<b>15000.00</b>		
<b>6</b>	<b>Medium Density Fiber Board</b>		<b>IS: 12406</b>			
i	Dimension					
	(a) Size			500.00		
	(b) Thickness			500.00		
ii	Water Absorption			750.00		
iii	Swelling Test			1250.00		
iv	Modulus of Rapture			1250.00		
v	Tensile Strength			1250.00		
vi	Screw withdrawal test			1250.00		
vii	Density			750.00		
viii	Modulus of Elasticity			1250.00		
				<b>8750.00</b>		
<b>7</b>	<b>General Purpose Plywood</b>	<b>IS:1734</b>	<b>IS:303</b>			
i	Dimension					
	(a) Size			500.00		
	(b) Thickness			500.00		
ii	Glue Adhesion					
	(a) Glue Shear Strength (Dry State)			1250.00		
	(b) Mycological Test			1000.00		
	(c) Water Resistance Test			1250.00		
iii	Moisture content			750.00		
iv	Modulus of Rapture			1250.00		
v	Modulus of Elasticity			1250.00		
				<b>7750.00</b>		
<b>8</b>	<b>Glass Fiber Reinforced Plastic (GRP)</b>					



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### SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
9	i Fiber Glass Content	IS: 14856	IS: 14856	1500.00	Full Shutter	35 days
	ii Tensile Strength			1250.00		
	iii Bending Strength			1250.00		
	iv Elastic modulus			1250.00		
	v Water Absorption			750.00		
				<b>6000.00</b>		
10	<b>Shuttering Plywood (For Concrete Shuttering Work)</b>	IS:1734	IS: 4990		Full Board	35 days
	i Dimension					
	(a) Size			500.00		
	(b) Thickness			500.00		
	ii Moisture content			750.00		
	iii Glue Adhesion in Dry State					
	(a) Glue Shear Strength			1250.00		
	(b) Adhesion of Plies			1250.00		
	iv Modulus of Rapture			1250.00		
	v Modulus of Elasticity			1250.00		
	vi Resistance to Water Test					
	(a) Glue Shear Strength			1250.00		
	(b) Adhesion of Plies			1250.00		
	vii Mycological Test					
	(a) Glue Shear Strength			1250.00		
	(b) Adhesion of Plies			1250.00		
				<b>11750.00</b>		
10	<b>Marine Plywood</b>	IS: 710				
	i Dimension					
	(a) Size			500.00		
	(b) Thickness			500.00		
	ii Glue Adhesion					



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### SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
	(a) Glue Shear Strength (Dry State)			1250.00		
	(b) Adhesion of Plies			1250.00		
iii	Tensile Strength					
	(a) Along Perpendicular			1250.00		
	(b) Along Parallel			1250.00		
iv	Modulus of Rapture			1250.00		
v	Modulus of Elasticity			1250.00		
vi	Moisture Content			750.00		
vii	Mycological Test			1000.00		
viii	Water Resistance					
	(a) Glue Shear Strength (Wet State)			1250.00		
	(b) Adhesion of Plies			1250.00		
				<b>12750.00</b>		
11	<b>Fire Retardant Plywood</b>		IS: 1734	IS: 5509		
i	Dimension					
	(a) Size			500.00		
	(b) Thickness			500.00		
iv	Modulus of Rapture			1250.00		
v	Flame Penetration			1500.00		
vi	Flammability Test			1500.00		
vii	Rate of Burning			5000.00		
viii	Moisture content			750.00		
				<b>11000.00</b>		
12	<b>Decorative Thermosetting Synthetic Resin Bonded Laminated Sheet</b>			IS: 2046		
i	Resistance to Immersion boiling water				1250.00	
ii	Resistance to cracking				1250.00	
iii	Resistance to staining				2000.00	
iv	Resistance to steam				1250.00	
					<b>5750.00</b>	
13	<b>High Strength Deformed Steel Bars and Wires</b>			IS: 1786		
i	Tensile Strength	IS: 1608			1250.00	



# राजस्व नियंत्रण सेवा केंद्र NSIC TECHNICAL SERVICES CENTRE

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### सामग्री परीक्षण प्रयोगशाला (ISO/IEC 17025:2005 accredited) MATERIAL TESTING LABORATORY

#### SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration	
	ii Proof Stress/ Yield Stress	IS:1599		750.00	1m - 03nos.	20 days	
	iii Elongation Percentage			750.00			
	iv Bend			750.00			
	v Rebend			750.00			
	vi Weight per meter			750.00			
	vii Chemical Analysis - C, S, P	IS:228		1500.00			
				<b>6500.00</b>			
	viii Chemical Analysis - For HCR Grade			2500.00			
14	<b>Reinforcement Couplers for Mechanical Splices of Bars</b>		IS: 16172		1 m x 1		
	i Tensile Strength	IS:1608		1250.00		20 days	
15	Uncoated Stress Relieved Low Relaxation Seven Ply Strand (IS 14268)		IS: 1608		1 m x 1	20 days	
	i Breaking Strength	1250.00					
	ii Proof Load	750.00					
	iii Elongation Percentage	750.00					
	iv Weight	IS:1599		750.00			
	v Chemical Analysis - C, S, P	IS:228		1500.00	1 m x 1	20 days	
				<b>5000.00</b>			
16	<b>Galvanised Strand for Earthing</b>		IS 12776		1 m x 1	20 days	
	i Breaking Strength	IS:1608		1250.00			
	ii Elongation Percentage			750.00			
	iii Mass			750.00			
	iv Wrapping	IS:1599		750.00			
	vii Zinc Coating			2000.00			
				<b>5500.00</b>			
17	<b>Hot Rolled Medium and High Tensile Structural Steel</b>		IS: 2062		1250.00		
	i Tensile Strength	IS 1608					



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ओखला औद्योगिक संपदा, नई दिल्ली-११००२० OKHLA INDUSTRIAL ESTATE, NEW DELHI - 110020

**सामग्री परीक्षण प्रयोगशाला (ISO/IEC 17025:2005 accredited) MATERIAL TESTING LABORATORY**

**SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022**

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
	ii Yield Stress			750.00	1 m x 3	25 days
	iii Elongation Percentage			750.00		
	iv Bend	IS 1599		750.00		
	v Dimension			1500.00		
	vi Chemical Analysis (C, Mn, S, P, Si, CE)	IS 228		2500.00		
				<b>7500.00</b>		
18	<b>Sand Stone (Slabs and Tiles)</b>		IS 3622			90 days
i	Water Absorption	IS 1124		750.00	FS x 1 No	
ii	Transverse Strength	IS 1121		1250.00	(200x50x50)x3 No	
iii	Resistance to Wear	IS 1706		5500.00	(70x70)x3 Nos	
iv	Durability test	IS 1126		11000.00	Φ50 x 3 Nos	
				<b>18500.00</b>		
19	<b>Structural Granite / Polished Granite</b>		S 3316 & IS 14223			25 days
i	Water Absorption	IS 1124		750.00	FS x 1 No	
ii	True Specific Gravity	IS: 1124		750.00	FS x 1 No	
iii	Apparent Specific Gravity			750.00		
iv	Compressive Strength	IS: 1121-1		1250.00	(50x50)x3 No	
v	Moisture Content			750.00		
vi	Dry Density			750.00		
vii	Porosity			750.00		
viii	Resistance to wear			5500.00		
				<b>11250.00</b>		
20	<b>Kota Stones / Lime Stone</b>		IS 1123 & IS 1128			90 days
i	Specific Gravity	IS: 1124		550.00	FS x 1 No	
ii	Compression Strength	IS: 1121-1		1250.00	(50x50)x3 No	
iii	Resistance to Abrasion	IS 1706		5500.00	(70x70)x3 Nos	
iv	Porosity	IS: 1124		750.00	FS x 1 No	
v	Transverse Strength			1250.00		
vi	Durability test			11000.00		



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### SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
21	Marble (Slabs, Blocks and Tiles)	IS:1124	IS1130	20300.00		
i	Water Absorption	IS: 1121-1		750.00		
ii	Specific Gravity	IS: 1122		750.00		
iii	Hardness (Mho's Scale)			750.00		
iv	Colour			500.00		
v	Dimension			500.00		
				3250.00		
22	Cement Analysis OPC/ PPC					
i	Chemical Test (a) Ratio: (CaO-0.7SO <sub>3</sub> )/ (2.8SiO <sub>2</sub> +1.2Al <sub>2</sub> O <sub>3</sub> +0.65Fe <sub>2</sub> O <sub>3</sub> ) (b) Ratio: Alumina to Iron Oxide (c) SO <sub>3</sub> by mass (d) IR by mass (e) MgO by mass (f) Loss on Ignition	IS:4032	IS: 269 / IS:1489	1000.00 750.00 750.00 750.00 750.00 750.00 <b>4750.00</b>	50 kg (1 bag)	40 days
ii	Physical Test (a) Setting time (b) Compressive Strength (3, 7 and 28 days) (c) Consistency (d) Soundness (Le Chatelier Method) (e) Soundness (Autoclave Method) (f) Fineness (Sieve Method)	IS:4031		1000.00 3750.00 750.00 750.00 750.00 750.00		
				<b>7750.00</b>		
23	Manhole Cover	IS:12592	IS:12592			
i	Dimensions			2500.00	1 No.	15 days



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**SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022**

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
	ii Load Test			2500.00		
				<b>5000.00</b>		
24	<b>Precast Concrete Cable Covers</b>	IS 5820	IS 5820			20 days
i	Breaking Load/ Transverse Strength			1250.00	1 Nos.	
ii	Impact Strength			1250.00	1 Nos	
				<b>2500.00</b>		
25	<b>Concrete Cube</b>	IS:516	IS: 456	2000.00	3 cubes	30 days
i	Compressive Strength			1250.00		
ii	Sulphate Content			1250.00		
iii	Chloride Content (in %)			5000.00		
iv	Cement Content (Ratio)			750.00		
v	Carbonation			<b>10250.00</b>		
26	<b>Concrete Core</b>	IS:516	IS: 456	1250.00	1 core	20 days
i	Compressive Strength			5000.00		
ii	Cement Content (Ratio)			1250.00		
iii	Chloride Content (in %)			1250.00		
iv	Sulphate Content			750.00		
v	Carbonation			500.00		
vi	Thickness			<b>10000.00</b>		
27	<b>Water Tank Testing upto 500 l</b>	IS 12701	IS 12701			
i	Dimension			2500.00		
ii	Weight			750.00		
iii	Tensile Strength	IS:8543(Sec -I)		1250.00		
iv	Resistance to Deformation			1250.00		
v	Resistance to Impact			750.00		



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### SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
27	vi Density	IS:7828		1250.00	1 Tank with cover	30 days
	vii Black Carbon Dispersion			1250.00		
	viii Flexural Strength	IS:13360		1750.00		
	ix Visual Test			500.00		
	x Top Load Resistance			1250.00		
	xi Portability Test			750.00		
	xii *Capacity			750.00		
				<b>14000.00</b>		
	* Capacity above than 500 liters			1.25/ liter		
28	<b>Building Bricks (Common Burnt Clay)</b>	IS:3495	IS: 1077		20 Nos.	25 days
i	Dimension			1500.00		
ii	Compressive Strength	(P-I)		1750.00		
iii	Water Absorption	(P-II)		750.00		
iv	Efflorescence	(P-III)		750.00		
				<b>4750.00</b>		
29	<b>Fly Ash / Ash Lime Bricks</b>	IS:3495	S: 13757/ IS: 1289		20 Nos.	20 days
i	Dimension			1500.00		
ii	Compressive Strength	(P-I)		1750.00		
iii	Water Absorption	(P-II)		750.00		
iv	Efflorescence	(P-III)		750.00		
				<b>4750.00</b>		
30	<b>Sewer Bricks (Burnt Clay)</b>	IS:3495	IS: 4885		20 Nos.	20 days
i	Dimension			1500.00		
ii	Compressive Strength	(P-I)		1750.00		
iii	Water Absorption	(P-II)		750.00		
iv	Efflorescence	(P-III)		750.00		
				<b>4750.00</b>		
31	<b>Concrete Masonary Unit</b>	----	IS 2185 (Pt-1 & 2)			



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### SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
31	i Dimension (WxLxT)			1500.00	20 Nos.	25 days
	ii Block Density			750.00		
	iii Compressive Strength			4500.00		
	iv Water Absorption			750.00		
	v Drying Shrinkage			2500.00		
	vi Moisture Movement			2500.00		
				<b>12500.00</b>		
32	<b>Concrete Masonary Unit (AAC Block)</b>		IS 2185 (Pt-3)		24 Nos.	25 days
	i Dimension			1500.00		
	ii Block Density			750.00		
	iii Compressive Strength			6500.00		
	iv Drying Shrinkage			2500.00		
33	<b>Paver Blocks</b>		IS 15658	IS 15658	24 Nos	25 days
	i Compressive Strength			4500.00		
	ii Water Absorption			750.00		
	iii Dimension (WxLxT)			1500.00		
	iv Flexural Strength			4500.00		
	v Abrasion test			5500.00		
34			IS:5758	IS:5758	03 Nos.	25 days
	i Dimension			1500.00		
	ii Transverse Strength			1750.00		
	iii Water Absorption (2hrs & 24 hrs)			1500.00		
35			IS:13630	IS: 15622	20 Nos.	25 days
	i Dimension			1500.00		
	ii Surface Quality			750.00		
	iii Straightness of Sides			750.00		
	iv Rectangularity			750.00		
	v Surface Flatness			750.00		
	vi Bulk Density			1250.00		
	vii Water Absorption			750.00		
	viii Modulus of Rupture			1250.00		



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**SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022**

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
	ix Breaking Strength			750.00		
	x Scratch Hardness (Mho's Scale)			750.00		
	xi Chemical Resistance			1250.00		
	xii Crazing Resistance			1250.00		
	xiii Resistance to Thermal Shock			1250.00		
	xiv Resistance to stain			1250.00		
	xv Resistance to Acid & Alkali			1250.00		
				<b>15500.00</b>		
36	<b>Chequered Tiles / Cement Concrete Tiles</b>		IS 13801 & IS 1237			
	i Water Absorption			750.00		
	ii Wet Transverse Strength			1250.00		
	iii Resistance to wear			5500.00		
				<b>7500.00</b>		
37	<b>Fine Aggregate, Coarse Sand</b>	IS: 2386	IS:383			
	i Sieve Analysis			1750.00		
	ii Specific Gravity			1250.00		
	iii Bulk Density			1250.00		
	iv Total Deleterious Material			1750.00		
	v Silt Content			1250.00		
	vi Bulking of Sand			1250.00		
	vii Water Absorption			750.00		
	viii Soundness			750.00		
	ix Fineness Modulus			1250.00		
	x Organic Impurities			1750.00		
	xi Sulphate Content			750.00		
	xii Chloride Content			750.00		
	xiii Alkali Reactivity Test			5000.00		
				<b>19500.00</b>		
38	<b>Coarse Aggregate</b>	IS: 2386	IS:383			
	i Sieve Analysis			1250.00		
	ii Specific Gravity			1250.00		
	iii Bulk Density			1250.00		
	iv Water Absorption			750.00		



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S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
38	v Crushing Value			1250.00	50 kg	25 days
	vi 10% Fine Value			1250.00		
	vii Combined Flakiness & Elongation Index			1250.00		
	viii Total Deleterious Material			1750.00		
	ix Soundness			750.00		
	x Impact Value			750.00		
	xi Abration Value			1250.00		
	xii Organic Impurities			1750.00		
	xiii Sulphate Content			750.00		
	xiv Chloride Content			750.00		
	xv Alkali Reactivity Test			5000.00		
				<b>21000.00</b>		
	<b>39 Admixture - Uniformity test</b>	IS 9103	IS 9103		1 liter	25 days
	i Dry Material Content			2500.00		
	ii Ash Content			1750.00		
	iii pH			750.00		
	iv Relative Density			1250.00		
	v Chloride Ion			1250.00		
				<b>7500.00</b>		
40	<b>Water Proofing Compound</b>	IS: 4031	IS:2645-2003	1250.00	1 liter/ 2 kg and 5 kg Cement	25 days
	i Setting time			2500.00		
	ii Compressive Strength 3, 7 days			1250.00		
	iii Chloride Content			<b>5000.00</b>		
41	<b>Bituminous Concrete / Bituminous Macadam / Mastic</b>	----	(MORTH)		5 kg	20 days
	i Bitumen Content % by mass			5500.00		
	ii Aggregate Size (Sieve Analysis)			1250.00		
				<b>6750.00</b>		
42	<b>Construction Water</b>	IS 3025	IS: 456		2 liter	20 days
	i 0.02 N NaOH required to neutralize 100 ml sample			750.00		
	ii 0.02 N H <sub>2</sub> SO <sub>4</sub> required to neutralize 100 ml sample			750.00		
	iii Sulphate (as SO <sub>3</sub> )			750.00		
	iv Chloride (as Cl)			750.00		



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S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
	v Organic solids			750.00		
	vi Inorganic solids			750.00		
	vii Suspended matters			750.00		
	viii pH			750.00		
				<b>6000.00</b>		
<b>43</b>	<b>Mix Design of Concrete</b>					
i	OPC/ PPC Cement without Fly Ash		IS 10262	35000.00	Coarse Aggregate: 150 kg Fine Aggregate:	45 Days
ii	OPC/ PPC Cement with Fly Ash			40000.00	as (i) above and Fly Ash: 100 kg	45 Days
<b>44</b>	<b>Job Mix</b>					
i	Granular Sub Base (GSB)		MORTH Sec 400	35000.00	Coarse Aggregate 6.5, 10&20, Sand - 50kg	30 Days
ii	Wet Mix Macadam			35000.00	Coarse Aggregate 6.5, 10&20, Sand - 50kg	30 Days
iii	Bitumen			35000.00	Coarse Aggregate 6.5, 10&20, Sand - 50kg, Bitumen - 2kg & Lime 2kg	45 Days
<b>45</b>	<b>Cement Mortar - Chemical Composition (Ratio test)</b>	IS:1199		5000.00	10 kg	20 Days
<b>46</b>	<b>UV Stabilized Fiber Glass Reinforced Plastic Sheet</b>	----	IS:12866	500.00 750.00 1750.00 750.00 1250.00 750.00	1 x 1 m	20 days
i	Thickness					
ii	Density					
iii	Glass Content					
iv	Water Absorption					
v	Bolt Shear Test					
vi	Load Deflection test					



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S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
	vii Tensile Strength			1250.00		
	viii Cross Breaking Strength			1250.00		
				<b>8250.00</b>		
47	<b>Gypsum Building Plaster</b>					
i	SO <sub>3</sub> by mass	IS:2542	IS:2547 (Pt.-I)	750.00	10 kg	25 days
ii	CaO <sub>3</sub> percent by mass			750.00		
iii	MgO %			750.00		
iv	Na <sub>2</sub> O %			750.00		
v	Loss on Ignition			750.00		
vi	Setting time			1250.00		
vii	Transverse strength			1250.00		
viii	Soundness			750.00		
ix	Residue on 1.8mm			1250.00		
				<b>8250.00</b>		
48	<b>APP (Atactic Polypropylene Polymer) Water Proofing Membrane</b>					
i	Thickness of Membrane	CPWD Vol. II		500.00	1 x 1 m	20 days
ii	Weight of Membrane			750.00		
iii	Tensile Strength (Longitudinal / Crosswise)					
iv	Longitudinal			1250.00		
v	Crosswise			1250.00		
vi	Softening Point			750.00		
vii	Cold Flexibility			1250.00		
				<b>5750.00</b>		
D	<b>PIPE</b>					
1	<b>RCC Pipe</b>					
i	Dimension	IS:1608	IS: 458	3000.00	1 No. Full Size	25 Days
ii	Water Absorption - 10 minute			750.00		
iii	Water Absorption - 24 hours			750.00		
	Reinforcement - HD/ MS Wire					
v	(a) Yield Stress/ Proof Stress			750.00		
vi	(b) Tensile Strength			1250.00		



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S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
	vii (c) Elongation			750.00		
	viii Chemical Analysis of HD/ MS Wire			2000.00		
				<b>9250.00</b>		
<b>2</b>	<b>UPVC Pipe</b>		IS: 4985			
i	Dimension			1000.00		
ii	Density			750.00		
iii	Reversion Test			1250.00		
iv	Resistant to External Blow			750.00		
v	Sulphate Ash Content			1250.00		
vi	Visual Test			500.00		
				<b>5500.00</b>		
<b>3</b>	<b>PVC Conduct Pipe</b>		IS 9537-3			
i	Dimension (Dia & Thickness)			1000.00		
ii	Bend Test			1250.00		
iii	Compressive Test			1250.00		
iv	Impact Test			750.00		
v	Resistance to Heat			750.00		
vi	Resistance to Burning			750.00		
				<b>5750.00</b>		
<b>4</b>	<b>CPVC Pipe</b>		IS: 15778			
i	Dimension (φxTx Ovality)			1500.00		
ii	Density			1250.00		
iii	Reversion Test			1250.00		
iv	Resistant to External Blow			750.00		
v	Flattening test			750.00		
vi	Visual Test			500.00		
				<b>6000.00</b>		
<b>5</b>	<b>M S Conduit Pipe</b>		IS 9537-2			
i	Dimension (Dia & Thickness)			1000.00		
ii	Bend Test			1250.00		
iii	Compressive Test			1250.00		
				<b>3500.00</b>		



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S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration			
6	<b>GI Conduit Pipe</b>			1000.00 1250.00 1250.00 2000.00 <b>5500.00</b>	2 No. Full Size	25 Days			
	i Dimension (Dia & Thickness)								
	ii Bend Test								
	iii Compressive Test								
	iv Zinc Coating								
7	<b>M. S. Pipe/ G. I. Pipe</b>	----	IS: 1239, IS:4736	500.00 500.00 500.00 500.00 750.00 750.00 750.00 1250.00 750.00 2000.00 <b>11000.00</b>	1 No. Full Size	25 Days			
	i Dimension								
	(a) Bore								
	(b) Outside Diameter								
	(c) Diameter (Minimum)								
	(d) Thickness								
	ii Weight per meter								
	iii Flattening test								
	iv Breaking Load								
	v Tensile Strength		IS:1608						
8	vi Elongation								
	vii Bend Test								
	viii Chemical Analysis (C,Mn,S & P)		IS: 1239	2000.00					
	ix Zinc Coating		IS:6745	IS:4736	2000.00				
9	<b>S. S. Pipe</b>	----	IS: 6911	1000.00 1250.00 750.00 750.00 2500.00 750.00 <b>7000.00</b>	1 No. Full Size	25 Days			
	i Dimension								
	ii Tensile Strength								
	iii Elongation								
	iv Proof Stress								
	v Chemical Analysis		IS:228						
	vi Hardness		IS:1586						
9	<b>C. I. Pipe</b>	----	IS: 3989, 1536	2000.00 2000.00 750.00	1 No. Full Size	25 Days			
	i Dimension								
	ii a) Barrel								
	iii b) Socket								
	iv Mass								



राज्य लघु उद्योग निगम लिमिटेड THE NATIONAL SMALL INDUSTRIES CORPORATION LIMITED

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ओखला औद्योगिक संपदा, नई दिल्ली-११००२० OKHLA INDUSTRIAL ESTATE, NEW DELHI - 110020

**सामग्री परीक्षण प्रयोगशाला (ISO/IEC 17025:2005 accredited) MATERIAL TESTING LABORATORY**

**SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022**

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
	v Hammer Test	IS:1536		750.00		
				<b>5500.00</b>		
10	<b>MS Square &amp; Rectangular Pipe</b>		IS: 4923			
i	Tensile Strength	----	IS: 4923	1250.00	1 No. Full Size	25 Days
ii	Yield Stress			750.00		
iii	Thickness			500.00		
iv	Weight			750.00		
v	Dimension			1000.00		
vi	Chemical Analysis			2500.00		
				<b>6750.00</b>		
11	<b>DWC Pipe (Conduit System for Cable Management)</b>		IS: 16205			
i	Dimension	----	IS: 16205	1000.00	1 No. Full Size	25 Days
ii	Compression Test (-5°C for 2hr)			2500.00		
iii	Impact Test			750.00		
iv	Bending Test (Upto 90mm dia)			1250.00		
a)	At Room Temperature			1250.00		
b)	At -5°C			<b>6750.00</b>		
12	<b>DWC Pipe (Structured Wall Plastic Piping Systems for Non-Pressure Drainage &amp; Sewerage)</b>		IS: 16098			
i	Inside Dia	----	IS: 16098	500.00	1 No. Full Size	25 Days
ii	Thickness (E4 & E5)			1000.00		
iii	Density			750.00		
iv	Resistance to Heat			1250.00		
v	Visual test			500.00		
				<b>4000.00</b>		
13	<b>HDPE Pipe (HIGH DENSITY POLYETHYLENE Pipe for Sewerage)</b>		IS: 14333			
i	Out Side Dia	----	IS: 14333	500.00	1 No. Full Size	25 Days
ii	Thickness			500.00		
iii	Reversion Test			1250.00		
iv	Density			750.00		



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**सामग्री परीक्षण प्रयोगशाला (ISO/IEC 17025:2005 accredited) MATERIAL TESTING LABORATORY**

**SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022**

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
	v Visual Test			500.00		
				3500.00		
14	HDPE Pipe (HIGH DENSITY POLYETHYLENE Pipe for Water Supply)		IS: 4984			
i	Out Side Dia	----		500.00		
ii	Thickness	----		500.00		
iii	Reversion Test	----		1250.00		
iv	Density	----		750.00		
v	Visual Test	----		500.00		
vi	Colour	----		500.00		
				4000.00		
15	Glazed Stoneware Pipe		IS: 651			
i	Dimension	----		2000.00		
ii	Water Absorption	----		750.00		
iii	Acid Resistance	----		1250.00		
iv	Alkali Resistance	----		1250.00		
				5250.00		
E	Miscellaneous Items					
1	Cable Tray	IS:1079	IS:1079			
i	Thickness			500.00		
ii	Dimension			1000.00		
iii	Perforated Area			750.00		
iv	Zinc Coating			2000.00		
v	Chemical Analysis			2000.00		
				6250.00		
2	Mild Steel (Plate/Sheet/Angle/Channel)	IS: 2062	IS: 2062			
i	Tensile Strength			1250.00		
ii	Yield Stress			750.00		
iii	Elongation			750.00		
iv	Chemical Analysis			2500.00		
v	Thickness			500.00		
vi	Weight			750.00		



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ओखला औद्योगिक संपदा, नई दिल्ली-११००२० OKHLA INDUSTRIAL ESTATE, NEW DELHI - 110020

**सामग्री परीक्षण प्रयोगशाला (ISO/IEC 17025:2005 accredited) MATERIAL TESTING LABORATORY**

**SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022**

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
	vi Bend (As per Customer Requirement)			750.00		
				<b>7250.00</b>		
3	<b>CRCA Sheet</b>					
i	Tensile Strength			1250.00		
ii	Yield Stress			750.00		
iii	Thickness			500.00		
iv	Bend Test			750.00		
v	Chemical Analysis			2500.00		
				<b>5750.00</b>		
4	<b>Steel/ERW/CRCA Tube</b>					
i	Bend Test			750.00		
ii	Drift %			750.00		
iii	Tensile Strength			1250.00		
iv	Yield Stress			750.00		
v	Elongation			750.00		
vi	Weight			750.00		
vii	Thickness			500.00		
vii	Chemical Analysis			2500.00		
				<b>8000.00</b>		
5	<b>Aluminium Section</b>					
i	Tensile Strength			1250.00		
ii	Proof Stress			750.00		
iii	Elongation			750.00		
iv	Weight			750.00		
v	Dimension			1000.00		
vi	Powder Coating			2000.00		
vii	Chemical Analysis			2500.00		
				<b>9000.00</b>		
6	<b>STEEL WIRE FOR SPRINGS</b>					
i	Tensile Strength	IS:1608		1250.00		
ii	Wrapping Test	IS:1755		750.00		
iii	Torsion			1250.00		
iv	Bend Test	IS:1599		750.00		
v	Chemical Properties	IS:228		2000.00		



# राजस्व नियंत्रण सेवा केंद्र NSIC TECHNICAL SERVICES CENTRE

शैय लघु उद्योग निगम लिमिटेड THE NATIONAL SMALL INDUSTRIES CORPORATION LIMITED

(भारत सरकार का उद्यम)(A Government of India Enterprises)

ओखला औद्योगिक संपदा, नई दिल्ली-११००२० OKHLA INDUSTRIAL ESTATE, NEW DELHI - 110020

## सामग्री परीक्षण प्रयोगशाला (ISO/IEC 17025:2005 accredited) MATERIAL TESTING LABORATORY

### SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022

S. No.	Type of Test	Test Method	Standard Specification	Rate ₹ per Sample	Quantity Required	Duration
				6000.00		
7	<b>POLYMER/ RUBBER</b>					25 Days
	i Density/ Specific Gravity	IS:3400	IS: 3400	750.00	50 gm	
	ii Flexural Modulus		IS: 13360	1750.00	300x300 mm	
	iii Flexural Strength		ASTM D790	1250.00	100x100 mm	
	iv Hardness (Shore A/ Shore D)		IS: 13360	750.00	Button	
	v Tensile Strength and Elongation	IS:13360	IS: 3400, 13360	1250.00	150x150 mm	
	Visual Test			500.00	Full Size 1 sample	
				6250.00		
8	<b>SOIL TESTING</b>					100 Kg 25 days
	i Moisture Density Relationship (MDD/OMC) / Modified Proctor Test / Compaction Test	IS: 2720-7&8	----	4000.00		
	ii Liquid Limit, Plastic Limit & Plasticity Index / Atterberg's Limit			4000.00		
	iii Sieve Analysis			1250.00		
	iv Sedimentation Method			2000.00		
	v Hydrometer Analysis			1250.00		
	vi CBR	IS: 2720-16		10000.00		
	vii Free Swelling Index	IS: 2720-40		1000.00		
	viii Porosity	IS: 2720		750.00		
	ix Moisture Content			750.00		
	x Triaxial Test ( C & Value)		IS: 2720-11			
	i). Un consolidated un-drained test			6500.00		
	ii). Consolidated undrained test without pour water pressure			5500.00		
	iii). Consolidated un drain test with pour water pressure			6500.00		
	iv). Consolidated drained test on a). Sand & b). for Clays			10000.00		



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NSIC TECHNICAL SERVICES CENTRE

(भारत सरकार का उद्यम)(A Government of India Enterprises)

ओखला औद्योगिक संपदा, नई दिल्ली-११००२० OKHLA INDUSTRIAL ESTATE, NEW DELHI - 110020

**सामग्री परीक्षण प्रयोगशाला (ISO/IEC 17025:2005 accredited) MATERIAL TESTING LABORATORY**

**SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022**

S. No.	Type of Test	Test Method	Standard Specification	Recommended Rate ₹ per Sample	Quantity Required	Duration
8	xi Direct Shear Test ( C & Value)	IS: 2720-13		11500.00		
	xii Shrinkage Limit Test	IS: 2720-6		1250.00		
	xiii Classification of Soil	IS-1498		3500.00		
				<b>69750.00</b>		
9	<b>Granular Sub Base (GSB)</b>		MORTH SEC-400		100 Kg	25 days
9	i Sieve Analysis	----		1250.00		
	ii Impact Value			750.00		
	iii Moisture Density Relationship (MDD/OMC) / Modified Proctor Test / Compaction Test			4000.00		
	iv CBR			10000.00		
	v Water Absorption			750.00		
	vi Abrasion Value			2250.00		
	vii Liquid Limit, Plastic Limit & Plasticity Index / Atterberg's Limit			4000.00		
	viii Combined Flakiness & Elongation Index			1250.00		
				<b>24250.00</b>		
10	<b>Wet Mix Macadam</b>				100 Kg	25 days
10	i Sieve Analysis	----		1250.00		
	ii Impact Value			750.00		
	iii Moisture Density Relationship (MDD/OMC) / Modified Proctor Test / Compaction Test			4000.00		
	iv Water Absorption			750.00		
	v Abrasion Value			2250.00		
	vi Liquid Limit, Plastic Limit & Plasticity Index / Atterberg's Limit			4000.00		
	vii Combined Flakiness & Elongation Index			1250.00		
				<b>14250.00</b>		
11	<b>BITUMEN TESTING</b>					
11	i Penetration	IS 1203	----	1500.00		
	ii Penetration Ratio			1500.00		
	iii Specific Gravity	IS 1202		1500.00		
	iv Softening Point	IS 1205		1500.00		
	v Ductility	IS 1208		1500.00		
				<b>7500.00</b>		



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ओखला औद्योगिक संपदा, नई दिल्ली-११००२० OKHLA INDUSTRIAL ESTATE, NEW DELHI - 110020

**सामग्री परीक्षण प्रयोगशाला (ISO/IEC 17025:2005 accredited) MATERIAL TESTING LABORATORY**

**SCHEDULE RATES FOR TESTING EFFECTIVE FROM 01 Oct 2022**

S. No.	Type of Test	Test Method	Standard Specification	Recommended Rate ₹ per Sample	Quantity Required	Duration
12	<b>TEXTILE</b>		---		1 Pc.	20 days
	i Synthetic Blood Penetration Test	ISO 16603		3500.00		
	ii Thickness Test	ISO 5084		500.00		
	iii GSM	IS 1964 & ISO 3801		750.00		
	iv Tensile Strength (Avg. of Five Specimens)	IS 1969 & ISO 13934-1		1250.00		
	v Elongation Strength			750.00		
				<b>6750.00</b>		
13	<b>Dynamometer (Load Verification) 20 T</b>			5500.00	1 Pc.	15 days
14	<b>Flyash</b>		IS:1727	IS:3812		
	i Total chloride in % by mass				750.00	1 bag
	ii Loss of ignition in % by mass				1250.00	
	iii Silicon dioxide + aluminium oxide + iron oxide % by mass				2500.00	
	iv Silicon dioxide % by mass				1250.00	
	v Magnesium oxide % by mass				750.00	
	vi Total sulphur content % by mass				1250.00	
	vii Fineness specific surface in m <sup>2</sup> /kg				1250.00	
	viii Compressive Strength at 28days in N/mm <sup>2</sup>				1250.00	
	ix Soundness				1250.00	
	x Sieve Analysis				1750.00	
				<b>13250.00</b>		



# राजस्व तकनीकी सेवा केंद्र NSIC TECHNICAL SERVICES CENTRE राष्ट्रीय लघु उद्योग निगम लिमिटेड THE NATIONAL SMALL INDUSTRIES CORPORATION LIMITED

(भारत सरकार का उद्यम)(A Government of India Enterprises)

ओखला औद्योगिक संपदा, नई दिल्ली-११००२० OKHLA INDUSTRIAL ESTATE, NEW DELHI - 110020

## सामग्री परीक्षण प्रयोगशाला (ISO/IEC 17025:2017 accredited) MATERIAL TESTING LABORATORY

### GENERAL TERMS & CONDITIONS FOR TESTING EFFECTIVE FROM 01 Oct 2022

**Contact Details:-** Material Testing Laboratory, NSIC Technical Services Centre, Near Govindpuri Metro Station, Okhla Industrial Estate, New Delhi-110020, **Telephone:** 011-26826801 (Extn. 225), **Mobile:** 7874757687, 7985980234, **Email:** ntscok.mtlab@gmail.com, **Website:** www.nsic.co.in

#### GENERAL TERMS & CONDITIONS:

- 1 The quantity required are approximate.
- 2 The duration is working days of the centre and is indicative.
- 3 Sample(s) are not drawn by us and description of sample is as provided by the customer.
- 4 The testing charges inclusive of GST will be paid in advance by means of CBS Cheque/ DD/ NEFT/ RTGS in favour of - ACCOUNT NAME - THE NATIONAL SMALL INDUSTRIES CORPN LTD, BANK NAME- HDFC BANK LTD, BRANCH ADDRESS - OKHLA INDSUTRIAL AREA PHASE-3, NEW DELHI-20, BANK A/C NO- 50200083783571, BANK IFSC CODE-HDFC0002074.
- 5 GSTIN No.07AAACT0686N2ZX , CIN No.- U74140DL1955GOI002481 & SAC No. - 998346.
- 6 GST will be charged extra as applicable according to the rule of Govt. of India.
- 7 Sample with testing charges inclusive of GST shall be submitted by customer on all working days Monday to Friday from **09:30 AM to 18:00 PM** at Material Testing Laboratory of the Centre.
- 8 Sample(s) for test will not be accepted without submission of testing charges.

Copy of payment acknowledgement receipt (Clearly Mention Payment Breakup / TDS Deduction details if Applicable along with Proforma Invoice No.) via Email / Hard Copy shall be submitted

- 9 to Laboratory for respective sample(s) to be tested for further process.

- 10 Sample submitted will not be returned, if the sample having processed with destruction/ destructive test.

- 11 Duplicate Test Certificate will be provided against proper request, at the cost of Rs. 500/- + GST Extra (As applicable).

- 12 On express testing within 48 working hour, wherever applicable, the charges will be doubled.

- 13 The similar test parameter(s) would be charged same for relatively same product/ material.

- 14 The rate may be revised at any time without prior intimation in purview of standard(s) and laboratory facility(s).

- 15 Machining Charges Rs 500 + GST (As applicable) are extra (if required).

- 16 Officer on-site visit charge Rs. 10000.00 + GST (As applicable) for a day. Customer shall arrange the suitable conveyance, boarding and lodging facility at their own cost.

- 17 50% Witness charges are extra of the existing testing charges and customer needs to take prior appointment with the laboratory.

Third party quality inspection / physical verification:

(i). For Tender Value / Machine Cost Upto 02 Cr.: 0.75% of tender value / machine cost as per quoted rate.

- 18 (ii). For Tender Value / Machine Cost Above 02 Cr.: Rs 150000 + 0.25% of tender value / machine cost as per quoted rate of above 2Cr value.

MSME Discount at the rate of 10% and 05% for Micro Units and Small Units Respectively after submission of MSME Certificates (Clearly Mentioned MSME Category of Unit) to the laboratory.