



National Accreditation Board for  
Testing and Calibration Laboratories

**CERTIFICATE OF ACCREDITATION**

**TESTINGS CONCERN**

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

158/12 BELILIOUS ROAD 1ST FOOR, HOWRAH, WEST BENGAL, INDIA

in the field of

**TESTING**

Certificate Number: TC-9553

Issue Date: 24/05/2021

Valid Until:

23/05/2023

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 : Testings Concern

Signed for and on behalf of NABL



N. Venkateswaran  
Chief Executive Officer



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

TESTINGS CONCERN, 158/12 BELILIOUS ROAD 1ST FOOR, HOWRAH, WEST BENGAL, INDIA

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23/06/2021

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
LOCATION 1-158/12 BELILIOUS ROAD 1ST FOOR, HOWRAH, WEST BENGAL, INDIA Permanent Facility				
1	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Wrought Copper & its Alloys	Mercurous Nitrate Test	IS:2305
2	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Zinc Coated Iron & Steel	Adhesion Test/ Knife Test	IS 2629
3	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Zinc Coated Iron & Steel	Uniformity of Coating	BS 729
4	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Zinc Coated Iron & Steel	Uniformity of Coating	IS 2633
5	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Znic coated Iron & Steel	Mass of Zinc Coating	BS 729
6	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Znic coated Iron & Steel	Mass of Zinc Coating	IS 6745
7	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Znic coated Iron & Steel	Thickness of Coating (By Instrument)	IS 3203, Clause.no.(0.3/A2.1)
8	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Cr	ASTM E 1251
9	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Cr	IS 504 (Part 8)
10	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Cu	ASTM E 1251
11	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Cu	IS 504 (Part 3)
12	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Fe	ASTM E 1251
13	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Fe	IS 504 (Part 2)
14	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Mg	ASTM E 1251
15	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Mg	IS 504 (Part 6)



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16	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Mn	ASTM E 1251
17	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Mn	IS 504 (Part 5)
18	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Ni	ASTM E 1251
19	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Ni	IS 504 (Part 7)
20	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Pb	ASTM E 1251
21	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Si	ASTM E 1251
22	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Si	IS 504 (Part 1)
23	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Sn	ASTM E 1251
24	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Sn	IS 504 (Part 9)
25	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Ti	ASTM E 1251
26	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Zn	ASTM E 1251
27	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Zn	IS 504 (Part 4)
28	CHEMICAL- METALS & ALLOYS	Cast Iron	C	IS 12308 (Part 11)
29	CHEMICAL- METALS & ALLOYS	Cast Iron	Cr	IS 12308 (Part 8)
30	CHEMICAL- METALS & ALLOYS	Cast Iron	Mn	IS 12308 (Part 10)
31	CHEMICAL- METALS & ALLOYS	Cast Iron	Ni	IS 12308 (Part 7)
32	CHEMICAL- METALS & ALLOYS	Cast Iron	P	IS 12308 (Part 5)
33	CHEMICAL- METALS & ALLOYS	Cast Iron	S	IS 12308 (Part 2)
34	CHEMICAL- METALS & ALLOYS	Cast Iron	Si	IS 12308 (Part 6)





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35	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Al	E 478
36	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Al	EN 15079
37	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	As	EN 15079
38	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Bi	EN 15079:
39	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Cr	EN 15079:
40	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Cu	IS 3187
41	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Cu	IS 3685
42	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Cu	IS 4027 (Part 1)
43	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Cu	IS 7212
44	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Fe	EN 15079
45	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Fe	IS 3187
46	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Fe	IS 3685
47	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Fe	IS 4027 (Part 8)
48	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Mg	EN 15079
49	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Mn	EN 15079
50	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Mn	IS 3187
51	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Mn	IS 3685
52	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Ni	EN 15079:
53	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Ni	IS 3187



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54	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Ni	IS 3685
55	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	P	EN 15079
56	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	P	IS 3685
57	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	P	IS 4027 (Part 3)
58	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Pb	EN 15079
59	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Pb	IS 3685
60	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Pb	IS 4027 (Part 1)
61	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	S	EN 15079
62	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Sb	EN 15079
63	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Si	EN 15079
64	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Si	IS 3685
65	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Sn	EN 15079
66	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Sn	IS 3685
67	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Sn	IS 4027 (Part 5)
68	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Zn	EN 15079
69	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Zn	IS 3187
70	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Zn	IS 3685
71	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloys	Zn	IS 4027 (Part 6)
72	CHEMICAL- METALS & ALLOYS	Manganese Steel	C	ASTM E 2209



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73	CHEMICAL- METALS & ALLOYS	Manganese Steel	Cr	ASTM E 2209
74	CHEMICAL- METALS & ALLOYS	Manganese Steel	Mn	ASTM E 2209
75	CHEMICAL- METALS & ALLOYS	Manganese Steel	Mo	ASTM E 2209
76	CHEMICAL- METALS & ALLOYS	Manganese Steel	Ni	ASTM E 2209
77	CHEMICAL- METALS & ALLOYS	Manganese Steel	P	ASTM E 2209
78	CHEMICAL- METALS & ALLOYS	Manganese Steel	S	ASTM E 2209
79	CHEMICAL- METALS & ALLOYS	Manganese Steel	Si	ASTM E 2209
80	CHEMICAL- METALS & ALLOYS	Metals & Metallic Products ( Iron Copper Nickle & its Alloys)	Metal Identification, Grade Verification, Sorting by portable XRF Analyzer (Mn)	ASTM E 1476 Cl 7.1 by Portable XRF Analyzer
81	CHEMICAL- METALS & ALLOYS	Metals & Metallic Products ( Iron Copper Nickle & its Alloys)	Metal Identification, Grade Verification, Sorting by portable XRF Analyzer (Sn)	ASTM E 1476 Cl 7.1 by Portable XRF Analyzer
82	CHEMICAL- METALS & ALLOYS	Metals & Metallic Products ( Iron Copper Nickle & its Alloys)	Metal Identification, Grade Verification, Sorting by portable XRF Analyzer (W)	ASTM E 1476 Cl 7.1 by Portable XRF Analyzer
83	CHEMICAL- METALS & ALLOYS	Metals & Metallic Products ( Iron Copper Nickle & its Alloys)	Metal Identification, Grade Verification, Sorting by portable XRF Analyzer(Ni)	ASTM E 1476 Cl 7.1 by Portable XRF Analyzer
84	CHEMICAL- METALS & ALLOYS	Metals & Metallic Products ( Iron Copper Nickle & its Alloys)	Metal Identification, Grade Verification, Sorting by portable XRF Analyzer(Pb)	ASTM E 1476 Cl 7.1 by Portable XRF Analyzer
85	CHEMICAL- METALS & ALLOYS	Metals & Metallic Products ( Iron Copper Nickle & its Alloys)	Metal Identification, Grade Verification, Sorting by portable XRF Analyzer(Ti)	ASTM E 1476 Cl 7.1 by Portable XRF Analyzer
86	CHEMICAL- METALS & ALLOYS	Metals & Metallic Products ( Iron Copper Nickle & its Alloys)	Metal Identification, Grade Verification, Sorting by portable XRF Analyzer(Zn)	ASTM E 1476 Cl 7.1 by Portable XRF Analyzer
87	CHEMICAL- METALS & ALLOYS	Metals & Metallic Products ( Iron Copper Nickle & its Alloys)	Metal Identification, Grade Verification, Sorting by Portable XRF Analyzer (V)	ASTM E 1476 Cl 7.1 by Portable XRF Analyzer





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88	CHEMICAL- METALS & ALLOYS	Metals & Metallic Products ( Iron Copper Nickle & its Alloys)	Metal Identification, Grade Verification, Sorting by Portable XRF Analyzer(Co)	ASTM E 1476 CI 7.1 by Portable XRF Analyzer
89	CHEMICAL- METALS & ALLOYS	Metals & Metallic Products (Iron, Copper & There Alloys)	Metal Identification, Grade Verification, Sorting by portable XRF Analyzer (Cr)	ASTM E 1476 CI 7.1 by Portable XRF Analyzer
90	CHEMICAL- METALS & ALLOYS	Metals & Metallic Products (Iron,Copper,Nickel & There Alloys)	Metal Identification, Grade Verification, Sorting by Portable XRF analyzer (Fe)	ASTM E 1476 CI 7.1 By portable XRF analyzer
91	CHEMICAL- METALS & ALLOYS	Metals & Metallic Products (Iron,Copper,Nickel & There Alloys)	Metal Identification, Grade Verification, Sorting by Portable XRF Analyzer(Nb)	ASTM E 1476 CI 7.1 by Portable XRF Analyzer
92	CHEMICAL- METALS & ALLOYS	Metals & metallic Products (Iron,Copper,Nickel & there alloys)	Metal Identification,Grade Verification,Sorting by Portable XRF Analyzer (Cu)	ASTM E 1476 CI 7.1 By portable XRF analyzer
93	CHEMICAL- METALS & ALLOYS	Metals & Metallic Products (Iron,Copper,Nickle & Their Alloys)	Metal Identification, Grade Verification, Sorting by Portable XRF Analyzer (Mo)	ASTM E 1476 CI 7.1 by Portable XRF analyzer
94	CHEMICAL- METALS & ALLOYS	Pig Iron, Cast Iron & SG Iron	C	ASTM E 1999
95	CHEMICAL- METALS & ALLOYS	Pig Iron, Cast Iron & SG Iron	Cr	ASTM E 1999
96	CHEMICAL- METALS & ALLOYS	Pig Iron, Cast Iron & SG Iron	Cu	ASTM E 1999
97	CHEMICAL- METALS & ALLOYS	Pig Iron, Cast Iron & SG Iron	Mn	ASTM E 1999
98	CHEMICAL- METALS & ALLOYS	Pig Iron, Cast Iron & SG Iron	Mo	ASTM E 1999
99	CHEMICAL- METALS & ALLOYS	Pig Iron, Cast Iron & SG Iron	Ni	ASTM E 1999
100	CHEMICAL- METALS & ALLOYS	Pig Iron, Cast Iron & SG Iron	P	ASTM E 1999
101	CHEMICAL- METALS & ALLOYS	Pig Iron, Cast Iron & SG Iron	S	ASTM E 1999
102	CHEMICAL- METALS & ALLOYS	Pig Iron, Cast Iron & SG Iron	Si	ASTM E 1999
103	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Al	ASTM E 415
104	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Al	IS 8811



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105	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	B	ASTM E 415
106	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	C	ASTM E 415
107	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	C	IS 8811
108	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Co	ASTM E 415
109	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Co	IS 8811
110	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Cr	ASTM E 415
111	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Cr	IS 228 (Part 6)
112	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Cr	IS 8811
113	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Cu	ASTM E 415
114	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Cu	IS 228 (Part 15)
115	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Cu	IS 8811
116	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Mn	ASTM E 350 , Clause169 (titrimetric method)
117	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Mn	ASTM E 415
118	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Mn	IS 8811
119	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Mo	ASTM E 415
120	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Mo	IS 228 (Part 7)
121	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Mo	IS 8811
122	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	N	ASTM E 415
123	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	N	IS 228 Part 23





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124	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Ni	ASTM E 415
125	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Ni	IS 228 (Part 5)
126	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Ni	IS 8811
127	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	P	ASTM E 415
128	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	P	IS 228 (Part 3)
129	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	P	IS 8811
130	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	S	ASTM E 415:
131	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	S	IS 228 (Part 9)
132	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	S	IS 8811
133	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Si	ASTM E 415
134	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Si	IS 228 (Part 8)
135	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Si	IS 8811
136	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	V	ASTM E 415
137	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	V	IS 8811
138	CHEMICAL- METALS & ALLOYS	Plain Carbon,Low Alloy Steel	C	IS 228 (Part 1)
139	CHEMICAL- METALS & ALLOYS	Plain Carbon,Low Alloy Steel	Mn	IS 228 (Part 2)
140	CHEMICAL- METALS & ALLOYS	Stainless Steel	C	ASTM E 1086
141	CHEMICAL- METALS & ALLOYS	Stainless Steels	C	IS 228 (Part 1)
142	CHEMICAL- METALS & ALLOYS	Stainless Steels	C	IS 9879



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143	CHEMICAL- METALS & ALLOYS	Stainless Steels	Cr	ASTM E 1086
144	CHEMICAL- METALS & ALLOYS	Stainless Steels	Cr	IS 228 (Part 6)
145	CHEMICAL- METALS & ALLOYS	Stainless Steels	Cr	IS 9879
146	CHEMICAL- METALS & ALLOYS	Stainless Steels	Cu	ASTM E 1086
147	CHEMICAL- METALS & ALLOYS	Stainless Steels	Cu	IS 9879
148	CHEMICAL- METALS & ALLOYS	Stainless Steels	Mn	ASTM E 1086
149	CHEMICAL- METALS & ALLOYS	Stainless Steels	Mn	IS 228 (Part 2)
150	CHEMICAL- METALS & ALLOYS	Stainless Steels	Mn	IS 9879
151	CHEMICAL- METALS & ALLOYS	Stainless Steels	Mo	ASTM E 1086
152	CHEMICAL- METALS & ALLOYS	Stainless Steels	Mo	IS 228 (Part 7)
153	CHEMICAL- METALS & ALLOYS	Stainless Steels	Mo	IS 9879
154	CHEMICAL- METALS & ALLOYS	Stainless Steels	N	IS 228 (Part 23):
155	CHEMICAL- METALS & ALLOYS	Stainless Steels	Ni	ASTM E 1086
156	CHEMICAL- METALS & ALLOYS	Stainless Steels	Ni	IS 228 (Part 5)
157	CHEMICAL- METALS & ALLOYS	Stainless Steels	Ni	IS 9879
158	CHEMICAL- METALS & ALLOYS	Stainless Steels	P	ASTM E 1086
159	CHEMICAL- METALS & ALLOYS	Stainless Steels	P	IS 228 (Part 3)
160	CHEMICAL- METALS & ALLOYS	Stainless Steels	P	IS 9879
161	CHEMICAL- METALS & ALLOYS	Stainless Steels	S	ASTM E 1086:



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162	CHEMICAL- METALS & ALLOYS	Stainless Steels	S	IS 228 (Part 9)
163	CHEMICAL- METALS & ALLOYS	Stainless Steels	S	IS 9879
164	CHEMICAL- METALS & ALLOYS	Stainless Steels	Si	ASTM E 1086
165	CHEMICAL- METALS & ALLOYS	Stainless Steels	Si	IS 228 (Part 8)
166	CHEMICAL- METALS & ALLOYS	Stainless Steels	Si	IS 9879
167	CHEMICAL- METALS & ALLOYS	Stainless Steels	Ti	ASTM E 1086
168	CHEMICAL- METALS & ALLOYS	Tin Alloy	Cu	IS 1409
169	CHEMICAL- METALS & ALLOYS	Tin Alloy	Pb	IS 1409
170	CHEMICAL- METALS & ALLOYS	Tin Alloy	Sb	IS 1409
171	CHEMICAL- METALS & ALLOYS	Tin Alloy	Sn	IS 1409
172	CHEMICAL- METALS & ALLOYS	Tool Steel	C	JIS G 1253
173	CHEMICAL- METALS & ALLOYS	Tool Steel	Co	JIS G 1253
174	CHEMICAL- METALS & ALLOYS	Tool Steel	Cr	JIS G 1253
175	CHEMICAL- METALS & ALLOYS	Tool Steel	Mn	JIS G 1253
176	CHEMICAL- METALS & ALLOYS	Tool Steel	Mo	JIS G 1253
177	CHEMICAL- METALS & ALLOYS	Tool Steel	P	JIS G 1253
178	CHEMICAL- METALS & ALLOYS	Tool Steel	S	JIS G 1253
179	CHEMICAL- METALS & ALLOYS	Tool Steel	Si	JIS G 1253
180	CHEMICAL- METALS & ALLOYS	Tool Steel	V	JIS G 1253





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181	CHEMICAL- METALS & ALLOYS	Tool Steel	W	JIS G 1253
182	CHEMICAL- PAINTS & SURFACE COATING	Paint Coated on Iron & Steel	Colour Retention of Vitreous Enamel Coatings	IS: 8709
183	MECHANICAL- METALLOGRAPHY TEST	Metallic Coatings on Ferrous & Non Ferrous Metals & Alloys	Coating Thickness (Ag, Sn, Zn, Cd, Cu, Ni & Cr)	IS 3203 (By Microscopic Method):
184	MECHANICAL- METALLOGRAPHY TEST	Steels	Macro Structural Examination	IS 11371
185	MECHANICAL- METALLOGRAPHY TEST	Steels	Macro Structural Examination	IS 13015
186	MECHANICAL- METALLOGRAPHY TEST	Steels and Non Ferrous Alloys	Macro Structural Examination	ASTM E 340
187	MECHANICAL- METALLOGRAPHY TEST	Steels, Stainless Steel, Cast Irons, Aluminum and its alloys, Copper and its alloys	Micro Structural Examination	ASM Handbook Vol 9



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LOCATION 1-158/12 BELILIOUS ROAD 1ST FOOR, HOWRAH, WEST BENGAL, INDIA Site Facility				
1	CHEMICAL- METALS & ALLOYS	Metals & Metallic Products ( Iron Copper Nickle & its Alloys)	Metal Identification, Grade Verification, Sorting by portable XRF Analyzer (Mn)	ASTM E 1476 CI 7.1 by Portable XRF Analyzer
2	CHEMICAL- METALS & ALLOYS	Metals & Metallic Products ( Iron Copper Nickle & its Alloys)	Metal Identification, Grade Verification, Sorting by portable XRF Analyzer (Sn)	ASTM E 1476 CI 7.1 by Portable XRF Analyzer
3	CHEMICAL- METALS & ALLOYS	Metals & Metallic Products ( Iron Copper Nickle & its Alloys)	Metal Identification, Grade Verification, Sorting by portable XRF Analyzer (W)	ASTM E 1476 CI 7.1 by Portable XRF Analyzer
4	CHEMICAL- METALS & ALLOYS	Metals & Metallic Products ( Iron Copper Nickle & its Alloys)	Metal Identification, Grade Verification, Sorting by portable XRF Analyzer(Ni)	ASTM E 1476 CI 7.1 by Portable XRF Analyzer
5	CHEMICAL- METALS & ALLOYS	Metals & Metallic Products ( Iron Copper Nickle & its Alloys)	Metal Identification, Grade Verification, Sorting by portable XRF Analyzer(Pb)	ASTM E 1476 CI 7.1 by Portable XRF Analyzer
6	CHEMICAL- METALS & ALLOYS	Metals & Metallic Products ( Iron Copper Nickle & its Alloys)	Metal Identification, Grade Verification, Sorting by portable XRF Analyzer(Ti)	ASTM E 1476 CI 7.1 by Portable XRF Analyzer
7	CHEMICAL- METALS & ALLOYS	Metals & Metallic Products ( Iron Copper Nickle & its Alloys)	Metal Identification, Grade Verification, Sorting by portable XRF Analyzer(Zn)	ASTM E 1476 CI 7.1 by Portable XRF Analyzer
8	CHEMICAL- METALS & ALLOYS	Metals & Metallic Products ( Iron Copper Nickle & its Alloys)	Metal Identification, Grade Verification, Sorting by Portable XRF Analyzer (V)	ASTM E 1476 CI 7.1 by Portable XRF Analyzer
9	CHEMICAL- METALS & ALLOYS	Metals & Metallic Products ( Iron Copper Nickle & its Alloys)	Metal Identification, Grade Verification, Sorting by Portable XRF Analyzer(Co)	ASTM E 1476 CI 7.1 by Portable XRF Analyzer
10	CHEMICAL- METALS & ALLOYS	Metals & Metallic Products (Iron, Copper & There Alloys)	Metal Identification, Grade Verification, Sorting by portable XRF Analyzer (Cr)	ASTM E 1476 CI 7.1 by Portable XRF Analyzer
11	CHEMICAL- METALS & ALLOYS	Metals & Metallic Products (Iron,Copper,Nickel & There Alloys)	Metal Identification, Grade Verification, Sorting by Portable XRF analyzer (Fe)	ASTM E 1476 CI 7.1 By portable XRF analyzer
12	CHEMICAL- METALS & ALLOYS	Metals & Metallic Products (Iron,Copper,Nickel & There Alloys)	Metal Identification, Grade Verification, Sorting by Portable XRF Analyzer(Nb)	ASTM E 1476 CI 7.1 by Portable XRF Analyzer
13	CHEMICAL- METALS & ALLOYS	Metals & metallic Products (Iron,Copper,Nickel & there alloys)	Metal Identification,Grade Verification,Sorting by Portable XRF Analyzer (Cu)	ASTM E 1476 CI 7.1 By portable XRF analyzer



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14	CHEMICAL- METALS & ALLOYS	Metals & Metallic Products (Iron,Copper,Nickle & Their Alloys)	Metal Identification, Grade Verification, Sorting by Portable XRF Analyzer (Mo)	ASTM E 1476 Cl 7.1 by Portable XRF analyzer





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LOCATION 2 - BALTIKURI SURKIMILL, HOWRAH, WEST BENGAL, INDIA Permanent Facility				
1	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Tubes	Flattening & Doubling Over Test	IS 2501
2	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Fastners - Single Coil RectangularSection Spring Lock Washer	Compression Load	IS 3063
3	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Fastners - Single Coil RectangularSection Spring Lock Washer	Permanent Load Test	IS 3063
4	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Fastners - Single Coil RectangularSection Spring Lock Washer	Permanent Set Test	IS 3063
5	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Fastners - Single Coil RectangularSection Spring Lock Washer	Twist test	IS 3063
6	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Fastners-Made upon carbon Steel & Alloys Steel	Ultimate Tensile Load	IS 1367 (Part-3)
7	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Fastners-Made upon carbon steel and alloys steel	Proof Load Test	IS 1367 (Part 3)
8	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement Specification	Mass/ Meter	IS 1786
9	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement Specification	Re-bend Test	IS 1786
10	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Dipped Galvanized coatings on Round Steel Wire	Adhesion Test	IS 4826
11	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material Tensile testing	YIELD STRENGTH	IS:1608 part 1
12	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material on V Notch	Charpy Impact Test (From Ambient Temperature to Minus 50°C)	IS 1757 Part 1
13	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material on V Notch	Izod Impact Test (At Ambient Temperature)	IS 1598



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14	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material Tensile Testing	0.2% P.S.	ASTM A 370
15	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials Tensile Testing	EL%	ASTM A 370
16	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials Tensile Testing	% RA	ASTM-A-370
17	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials Tensile Testing	% RA	IS:1608 Part 1
18	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials Tensile Testing	%EL	IS 1608 Part 1
19	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials Tensile Testing	0.2 & 0.5 % Proof Stress.	IS 1608 Part 1
20	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials Tensile Testing	Tensile Strength	ASTM-A-370
21	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials Tensile Testing	Tensile strength	IS 1608 Part 1
22	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials Tensile Testing	Yield Strength	ASTM-A-370
23	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials Tube	Flattening Test	IS 2328
24	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials Tubes	Drift Expanding Test	IS 2335
25	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	IS 1599
26	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness Test (10/3000)	IS 1500 (Part 1)
27	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness Test (5/750)	IS 1500 (Part 1)



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28	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness Test	IS 1586 (Part 1)
29	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness Test	IS 1586 (Part 1)
30	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness Test	IS 1586 (Part 1)
31	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness	IS 1501 (Part-1)
32	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness	IS 1501 (Part-1)
33	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness	IS 1501 (Part-1)
34	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials Tensile Testing	0.2 & 0.5 % Proof Stress	ASTM A 370
35	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Tubes	Bend test	IS 2329
36	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Wires	Torsion Test	IS 1717
37	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Wires	Wrapping Test	IS 1755
38	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals	Shear Strength	IS 5242
39	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Rolled Steel Products	Verification Of Dimension	TC/SOP/01 Z Issue Date 18.01
40	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Threaded steels Fastners - carbon steels and alloy steel-Nuts	Proof Load Test	IS 1367 (Part 6):
41	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/A CCESSORIES	Conductors & Earth wire Accessories for overhead power lines	Mechanical Load Test	IS 2121 (Part 3)





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42	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Conductors & Earth wire Accessories for overhead power lines	Mechanical Load Test	IS 2121 Part 4
43	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Conductors & Earth wire Accessories for overhead power lines	Slip Strength Test	IS 2121( Part 1)
44	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Conductors & Earth wire Accessories for overhead power lines	Slip Strength Test	IS 2121( Part 3)
45	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Conductors & Earth wire Accessories for overhead power lines	Verification of Dimension	TC/SOP/01 Z Issue Date - 18.01
46	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Conductors & Earth wire Accessories for overhead power lines	Visual Examination	IS 2121 Part 1
47	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Conductors & Earth wire Accessories for overhead power lines	Visual Examination	TC/SOP/01 AA Issue Date - 18.01
48	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Conductors & Earth wire Accessories for overhead power lines	Tensile Test	IS 1608 pt 1
49	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Conductors & Earth wire Accessories for overhead power lines	Verification of Dimension	IS 2121 Part 2
50	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Conductors & Earth wire Accessories for overhead power lines	Verification of Dimension	IS 2121 Pt 1
51	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Conductors & Earth wire Accessories for overhead power lines	Verification of Dimension	IS 2121 Pt 4
52	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Conductors & Earth wire Accessories for overhead power lines	Visual examination	IS 2121 Part 2
53	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Conductors & Earth wire Accessories for overhead power lines	Visual Examination	IS 2121 Part 3
54	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Conductors & Earth wire Accessories for overhead power lines	Visual Examination	IS 2121 Part 4
55	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Electric Metal Power Connectors	Tensile Strength Test	IS 5561



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56	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Electric Metal Power Connectors	Freedom From Defects	IS:5561
57	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Electric Metal Power Connectors	Verification of Dimension	TC/SOP/01 Z Issue Date - 18.01
58	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Electric Metal Power Connectors	Visual Examination	TC/SOP/01 AA Issue Date 18.01
59	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Electrical Metal Power Connectors	Visual Testing	IS:5561
60	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Galvanised M.S. Hardware Fittings for L.T. Shackle, Electrical Insulator	Mechanical Strength Test	IS 7935 1975 RA
61	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Galvanised M.S. Hardware Fittings for L.T. Shackle, Electrical Insulator	Verification of Dimension	IS 7935
62	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Galvanised M.S. Hardware Fittings for L.T. Shackle, Electrical Insulator	Verification of Dimension	TC/SOP/01 Z Issue Date - 18.01
63	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Galvanised M.S. Hardware Fittings for L.T. Shackle, Electrical Insulator	Visual Examination	TC/SOP/01 AA Issue Date 18.01
64	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Helical Formed Fittings for over Head Lines upto 33Kv	Verification of Dimension	IS:12048
65	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Helically formed fittings for Overhead Lines upto 33Kv	Slip Strength Test Resilience Test Tensile Strength Test	IS:12048
66	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Helically formed fittings for Overhead Lines upto 33Kv	Tensile Strength Test	IS:1608 Pt 1
67	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Helically formed fittings for Overhead Lines upto 33Kv	Verification of Dimension	TC/SOP/01 Z Issue Date - 18.01
68	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Helically formed fittings for Overhead Lines upto 33Kv	Visual Examination	TC/SOP/01 AA Issue Date - 18.01
69	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Insulator Fittings for Overhead Power Line with nominal Voltage upto 1000V	Checking of Threads on Head	IS 7935



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70	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Insulator Fittings for Overhead Power Line with nominal Voltage upto 1000V	Mechanical Strength Test	IS 2486 (Part 1)
71	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Insulator Fittings for Overhead Power Line with nominal Voltage upto 1000V	Mechanical Strength Test	IS 7935
72	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Insulator Fittings for Overhead Power Line with nominal Voltage upto 1000V	Verification of Dimension	IS 7935
73	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Insulator Fittings for Overhead Power Line with nominal Voltage upto 1000V	Verification of Dimension	TC/SOP/01 Z Issue Date 18.01
74	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Insulator Fittings for Overhead Power Line with nominal Voltage upto 1000V	Verification Of Dimension Checking of Threads on Head	IS 2486 (Part 2)
75	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Insulator Fittings for Overhead Power Line with nominal Voltage upto 1000V	Visual Examination	TC/SOP/01 AA Issue Date 18.01
76	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Insulator fittings for overhead power lines With Normal voltage greater than 1000V	Slip Strength Test Mechanical Test	IS 2486 (Part 1)
77	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Insulator fittings for overhead power lines With Normal voltage greater than 1000V	Verification of Dimension	TC/SOP/01 Z Issue Date - 18.01
78	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Insulator fittings for overhead power lines With Normal voltage greater than 1000V	Verification Of Dimension	IS 2486 (Part 2)
79	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Insulator fittings for overhead power lines With Normal voltage greater than 1000V	Visual Examination	TC/SOP/01 AA Issue Date 18.01
80	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Insulator Fittings for Overhead Power Line with nominal Voltage upto 1000V	Visual Verification	IS:7935
81	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Insulator Fittings for Overhead Power Lines with Nominal Voltage Greater Than 1000V	Checking of Threads of Pin on Head	IS 2486 Part 2
82	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Insulator Fittings for Overhead Power Lines with Nominal Voltage Greater than 1000V	Verification of Dimension	IS:2486 Part 1
83	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Metal Electrical Fittings (MS Rod Type/GI Pipe Type Earthing Sets)	Verification of Dimension	TC/SOP/01 Z Issue Date - 18.01





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84	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Metal Electrical Fittings (MS Rod Type/GI Pipe Type Earthing Sets)	Visual Examination	TC/SOP/01 AA Issue Date 18.01
85	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Metal Products	Verification of Dimensions	TC/SOP/01 Z Issue Date - 18.01:
86	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Metal Products	Visual Examination	TC/SOP/01 AA Issue Date 18.01
87	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Telegraph Materials insulator pole fittings	Mechanical Breaking Load Test	BS 16
88	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Telegraph Materials insulator pole fittings	Verification of Dimension	BS 16
89	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Telegraph Materials insulator pole fittings	Verification of Dimension	TC/SOP/01 Z Issue Date - 18.01
90	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Telegraph Materials insulator pole fittings	Visual Examination	TC/SOP/01 AA Issue Date 18.01:
91	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Telegraph Materials insulator pole fittings	Visual Examination	BS:16