



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

UTES, EASTERN REGION LABORATORY

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

56, C.R.AVENUE (3 RD FLOOR), KOLKATA, WEST BENGAL, INDIA

in the field of

TESTING

Certificate Number: TC-5669

Issue Date: 20/03/2022

Valid Until: 19/03/2024

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)

Name of Legal Identity : RITES LIMITED

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 :

rites, eastern region laboratory, 56, C.R.AVENUE (3 RD FLOOR), KOLKATA, WEST BENGAL, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5669

Page No

1 of 8

Validity

20/03/2022 to 19/03/2024

Last Amended on

27/04/2022

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- METALLIC COATINGS & TREATMENT SOLUTIONS	Lead coating on Aluminium	Thickness of Lead Coating	IS 6848
2	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Tin coating on Iron, Steel, Nickel Alloys, Copper & Copper Alloys	Average Thickness of Tin Coating	IS 1359 (Annex-B)
3	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Zinc Coated Iron & Steel Articles	Mass of Zinc Coating	IS 6745
4	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Zinc Coated Iron & Steel Articles	Uniformity of Zinc Coating	IS 2633
5	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Copper	ASTM E-1251
6	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Copper	IS 504 (Part-3)
7	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Iron	ASTM E-1251
8	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Iron	IS 504 (Part-2)
9	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Magnesium	ASTM E-1251
10	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Manganese	ASTM E-1251
11	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Manganese	IS 504 (Part-5)
12	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Nickel	ASTM E-1251
13	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Silicon	ASTM E-1251
14	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Silicon	IS 504 (Part-1)
15	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Titanium	ASTM E-1251
16	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Base Alloys	Zinc	ASTM E-1251
17	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Carbon	IS 12308 (Part-11)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

rites, eastern region laboratory, 56, C.R.AVENUE (3 RD FLOOR), KOLKATA, WEST BENGAL, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5669

Page No

2 of 8

Validity

20/03/2022 to 19/03/2024

Last Amended on

27/04/2022

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	Cast Iron & Pig Iron	Chromium	IS 12308 (Part-8)
19	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Manganese	IS 12308 (Part-10)
20	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Nickel	IS 12308 (Part-7)
21	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Phosphorous	IS 12308 (Part-5)
22	CHEMICAL- METALS & ALLOYS	Cast Iron & Pig Iron	Silicon	IS 12308 (Part-6)
23	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloy	Aluminium	BS:EN-15079
24	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloy	Copper	IS 7212
25	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloy	Iron	BS:EN-15079
26	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloy	Iron	IS 4027 (Part-8)
27	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloy	Lead	BS:EN-15079
28	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloy	Lead	IS 3187
29	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloy	Manganese	BS:EN-15079
30	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloy	Manganese	IS 3187
31	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloy	Nickel	BS:EN-15079
32	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloy	Nickel	IS 3685
33	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloy	Phosphorous	BS:EN-15079
34	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloy	Phosphorous	IS 4027 (Part-3)
35	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloy	Silicon	BS:EN-15079
36	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloy	Tin	BS:EN-15079



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RITES, EASTERN REGION LABORATORY, 56, C.R.AVENUE (3 RD FLOOR), KOLKATA, WEST BENGAL, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5669	Page No	3 of 8
Validity	20/03/2022 to 19/03/2024	Last Amended on	27/04/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
37	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloy	Tin	IS 4027 (Part 5)
38	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloy	Zinc	BS:EN-15079
39	CHEMICAL- METALS & ALLOYS	Copper & Copper Base Alloy	Zinc	IS 4027 (Part-6)
40	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Carbon	ASTM E- 415
41	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Carbon	IS 228 (Part-1)
42	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Chromium	ASTM E- 415
43	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Chromium	IS 228 (Part-6)
44	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Copper	ASTM E- 415
45	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Copper	IS 228 (Part-15)
46	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Manganese	ASTM E- 415
47	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Manganese	IS 228 (Part-2)
48	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Molybdenum	ASTM E-415
49	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Nickel	ASTM E- 415
50	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Nickel	IS 228 (Part-5)
51	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Phosphorous	ASTM E- 415
52	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Phosphorous	IS 228 (Part-3)
53	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Silicon	ASTM E- 415
54	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Silicon	IS 228 (Part-8)
55	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Sulphur	ASTM E- 415



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

rites, eastern region laboratory, 56, C.R.AVENUE (3 RD FLOOR), KOLKATA, WEST BENGAL, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5669

Page No

4 of 8

Validity

20/03/2022 to 19/03/2024

Last Amended on

27/04/2022

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
56	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Sulphur	IS 228 (Part-9)
57	CHEMICAL- METALS & ALLOYS	Plain Carbon Steel & Low Alloy Steel	Vanadium	ASTM E- 415
58	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E-1086
59	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 228 (Part-1)
60	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E-1086
61	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 228 (Part-6)
62	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E-1086
63	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E-1086
64	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 228 (Part-2)
65	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E-1086
66	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E-1086
67	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 228 (Part-5)
68	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	ASTM E-1086
69	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	IS 228 (Part-3)
70	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E-1086
71	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 228 (Part-8)
72	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E-1086
73	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 228 (Part-9)
74	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	ASTM E-1086



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RITES, EASTERN REGION LABORATORY, 56, C.R.AVENUE (3 RD FLOOR), KOLKATA, WEST BENGAL, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5669	Page No	5 of 8
Validity	20/03/2022 to 19/03/2024	Last Amended on	27/04/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
75	CHEMICAL- PAINTS & SURFACE COATING	Ready mixed and Synthetic Enamel	Consistency	IS 101 (Part-1/ Sec-5)
76	CHEMICAL- PAINTS & SURFACE COATING	Ready mixed and Synthetic Enamel	Dry Film Thickness	IS 101 (Part-3/ Sec-2)
77	CHEMICAL- PAINTS & SURFACE COATING	Ready mixed and Synthetic Enamel	Finish	IS 101 (Part-3/ Sec-4)
78	CHEMICAL- PAINTS & SURFACE COATING	Ready mixed and Synthetic Enamel	Flash point	IS 101 (Part-1/ Sec-6)
79	CHEMICAL- PAINTS & SURFACE COATING	Ready mixed and Synthetic Enamel	Flexibility and Adhesion (Type 1 Bend Test)	IS 101 (Part-5/ Sec-2)
80	CHEMICAL- PAINTS & SURFACE COATING	Ready mixed and Synthetic Enamel	Mass per ten liter	IS 101 (Part-1/ Sec-7)
81	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed and Synthetic Enamel	Non-volatile matter for ready mixed and Synthetic paints	IS 101 (Part-8/ Sec-2)
82	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed and Synthetic Enamel	Phthalic anhydride content	IS 101 (Part-8/ Sec-4)
83	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed and Synthetic Enamel	Pigment for ready mixed paints	IS 101 (Part-8/ Sec-2)
84	CHEMICAL- PAINTS & SURFACE COATING	Ready mixed and Synthetic Enamel	Scratch Hardness	IS 101 (Part-5/ Sec-2)
85	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber	Ash Content	IS 3400 (Part-22)
86	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber	Change in volume	IS 3400 (Part-6):
87	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber	Identification of Rubber(Natural/Synthetic)	IS 3400 (Part-22)
88	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Finished Fabric (Woven)	Color Fastness to Perspiration	IS/ISO 105 E04
89	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Finished Fabric(Woven)	Ash Content	IS 199
90	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Finished Fabric(Woven)	Color Fastness to Washing	IS/ISO 105-C 10 , Test C3
91	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Finished Fabric(Woven)	Color Fastness to washing	IS/ISO 105-C10 (Test-A)
92	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Finished Fabric(Woven)	Dimensional Change	IS 2977
93	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Finished Fabric(Woven)	Fatty Matter	IS 199



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

rites, eastern region laboratory, 56, C.R.AVENUE (3 RD FLOOR), KOLKATA, WEST BENGAL, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5669

Page No

6 of 8

Validity

20/03/2022 to 19/03/2024

Last Amended on

27/04/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
94	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Finished Fabric(Woven)	Identification of Fiber	IS 667
95	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Finished Fabric(Woven)	pH Value	IS 1390
96	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Finished Fabric(Woven)	Scouring Loss	IS 1383
97	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Finished Fabric(Woven)	Starch	IS 199
98	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Finished Fabric(Woven)	Total Size	IS 199
99	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Finished Fabric(Woven)	Water soluble matter	IS 3456
100	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Finished Fabric(Woven)	Wool Content	IS 8476
101	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials/Products (Ferrous/Non-Ferrous)	Ultimate Tensile Strength (UTS)	IS 1608 Part 1
102	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials/Products (Ferrous/Non-Ferrous)	% Elongation	IS 1608 Part 1
103	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials/Products (Ferrous/Non-Ferrous)	% Reduction in Area	IS 1608 Part 1
104	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials/Products (Ferrous/Non-Ferrous)	Bend Test	IS 1599
105	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials/Products (Ferrous/Non-Ferrous)	Brinell Hardness (2.5/187.5)	IS 1500 (Part-1)
106	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials/Products (Ferrous/Non-Ferrous)	Brinell Hardness (10/3000)	IS 1500 (Part-1)
107	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials/Products (Ferrous/Non-Ferrous)	Rockwell Hardness, HRBW	IS 1586 (Part-1)
108	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials/Products (Ferrous/Non-Ferrous)	Rockwell Hardness, HRC	IS 1586 (Part-1)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RITES, EASTERN REGION LABORATORY, 56, C.R.AVENUE (3 RD FLOOR), KOLKATA, WEST BENGAL, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5669	Page No	7 of 8
Validity	20/03/2022 to 19/03/2024	Last Amended on	27/04/2022

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
109	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials/Products (Ferrous/Non-Ferrous)	Yield Strength	IS 1608 Part 1
110	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials/Products(Ferrous)	Shear Strength	IS 5242
111	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials/Products(Ferrous/Non-Ferrous)	0.2% Proof Stress	IS 1608 (Part-1)
112	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials/Products(Ferrous/Non-Ferrous)	Vickers Hardness	IS 1501 (Part-1)
113	MECHANICAL- METALLOGRAPHY TEST	Cast Iron	Graphite flake by Form , Distribution & Size	IS 7754
114	MECHANICAL- METALLOGRAPHY TEST	Steel	Depth of decarburization	IS 6396
115	MECHANICAL- METALLOGRAPHY TEST	Steel	Grain Size	IS 4748
116	MECHANICAL- METALLOGRAPHY TEST	Steel	Measurement of case depth	IS 6416
117	MECHANICAL- METALLOGRAPHY TEST	Steel	Non-Metallic Inclusion Rating by Method A & B. Type A, B,C, D [Fine/Heavy]& DS ; 0.5 to 3.0	IS 4163
118	MECHANICAL- METALLOGRAPHY TEST	Steel/Cast Iron	Microstructure	ASM Handbook Volume 7& 9
119	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber	Accelerated Ageing	IS 3400 (Part-4)
120	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber	Compression Set	IS 3400 (Part-10/Sec-1):
121	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber	Density	IS 3400 (Part-9)
122	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber	Elongation	IS 3400 (Part-1):
123	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber	Hardness (Shore A)	IS 3400 (Part-23/ Sec-1)
124	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber	Tensile Strength	IS 3400 (Part-1)
125	MECHANICAL- TEXTILE MATERIALS	Finished Fabric(Woven)	Breaking Load	IS 1969 (Part-1)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

RITES, EASTERN REGION LABORATORY, 56, C.R.AVENUE (3 RD FLOOR), KOLKATA, WEST BENGAL, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5669

Page No

8 of 8

Validity

20/03/2022 to 19/03/2024

Last Amended on

27/04/2022

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
126	MECHANICAL- TEXTILE MATERIALS	Finished Fabric(Woven)	Ends (per dm)	IS 1963
127	MECHANICAL- TEXTILE MATERIALS	Finished Fabric(Woven)	Length and Width of Fabric	IS:1954
128	MECHANICAL- TEXTILE MATERIALS	Finished Fabric(Woven)	Mass	IS 1964
129	MECHANICAL- TEXTILE MATERIALS	Finished Fabric(Woven)	Moisture Content	IS 199
130	MECHANICAL- TEXTILE MATERIALS	Finished Fabric(Woven)	Picks (per dm)	IS 1963



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

UTES NORTHERN REGION LABORATORY

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

PLOT NO 466, SECTOR 68, FARIDABAD, HARYANA, INDIA

in the field of

TESTING

Certificate Number: TC-9793

Issue Date: 25/08/2021

Valid Until: 24/08/2023

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)

Name of Legal Identity : RITES LIMITED

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 : RITES NORTHERN REGION LABORATORY, PLOT NO 466, SECTOR 68, FARIDABAD, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9793 **Page No** 1 of 5

Validity 25/08/2021 to 24/08/2023 **Last Amended on** -

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- METALS & ALLOYS	Ferrous: Iron Base Low alloy Steel & Plain Carbon Steel (by Spectro)	Aluminium (Al)	JIS G1253
2	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Low alloy Steel & Plain Carbon Steel (by Spectro)	Boron (B)	ASTM E 415
3	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Low alloy Steel & Plain Carbon Steel (by Spectro)	Boron (B)	JIS G 1253
4	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Low alloy Steel & Plain Carbon Steel (by Spectro)	Carbon (C)	ASTM E 415
5	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Low alloy Steel & Plain Carbon Steel (by Spectro)	Carbon (C)	IS 8811
6	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Low alloy Steel & Plain Carbon Steel (by Spectro)	Chromium (Cr)	ASTM E 415
7	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Low alloy Steel & Plain Carbon Steel (by Spectro)	Chromium (Cr)	JIS G1253
8	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Low alloy Steel & Plain Carbon Steel (by Spectro)	Copper (Cu)	ASTM E 415
9	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Low alloy Steel & Plain Carbon Steel (by Spectro)	Copper (Cu)	JIS G1253
10	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Low alloy Steel & Plain Carbon Steel (by Spectro)	Manganese (Mn)	ASTM E 415
11	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Low alloy Steel & Plain Carbon Steel (by Spectro)	Manganese (Mn)	IS 8811
12	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Low alloy Steel & Plain Carbon Steel (by Spectro)	Manganese (Mn)	JIS G1253
13	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Low alloy Steel & Plain Carbon Steel (by Spectro)	Molybdenum (Mo)	ASTM E 415
14	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Low alloy Steel & Plain Carbon Steel (by Spectro)	Molybdenum (Mo)	JIS G1253
15	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Low alloy Steel & Plain Carbon Steel (by Spectro)	Nickel (Ni)	ASTM E 415
16	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Low alloy Steel & Plain Carbon Steel (by Spectro)	Nickel (Ni)	JIS G 1253
17	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Low alloy Steel & Plain Carbon Steel (by Spectro)	Phosphorous (P)	ASTM E 415
18	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Low alloy Steel & Plain Carbon Steel (by Spectro)	Phosphorous (P)	JIS G1253



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

RITES NORTHERN REGION LABORATORY, PLOT NO 466, SECTOR 68, FARIDABAD,
HARYANA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-9793

Page No

2 of 5

Validity

25/08/2021 to 24/08/2023

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
19	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Low alloy Steel & Plain Carbon Steel (by Spectro)	Silicon (Si)	ASTM E 415
20	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Low alloy Steel & Plain Carbon Steel (by Spectro)	Silicon (Si)	IS 8811
21	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Low alloy Steel & Plain Carbon Steel (by Spectro)	Silicon (Si)	JIS G1253
22	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Low alloy Steel & Plain Carbon Steel (by Spectro)	Sulphur (S)	ASTM E 415
23	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Low alloy Steel & Plain Carbon Steel (by Spectro)	Vanadium (V)	JIS G1253
24	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base High Speed Tool Steel (by Spectro)	Carbon (C)	JIS G1253
25	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base High Speed Tool Steel (by Spectro)	Chromium (Cr)	JIS G 1253
26	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base High Speed Tool Steel (by Spectro)	Cobalt (Co)	JIS G 1253
27	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base High Speed Tool Steel (by Spectro)	Manganese (Mn)	JIS G1253
28	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base High Speed Tool Steel (by Spectro)	Molybdenum (Mo)	ASTME 1086
29	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base High Speed Tool Steel (By Spectro)	Molybdenum (Mo)	JIS G1253
30	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base High Speed Tool Steel (by Spectro)	Phosphorous (P)	JIS G 1253
31	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base High Speed Tool Steel (by Spectro)	Silicon	JIS G1253
32	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base High Speed Tool Steel (by Spectro)	Sulphur (S)	JIS G 1253
33	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base High Speed Tool Steel (By Spectro)	Tungsten (W)	JIS G1253
34	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base High Speed Tool Steel (By Spectro)	Vanadium (V)	JIS G 1253
35	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Low alloy Steel & Plain Carbon Steel (by Spectro)	Carbon (C)	JIS G1253
36	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Low alloy Steel & Plain Carbon Steel (by Spectro)	Sulphur (S)	JIS G1253
37	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Aluminium (Al)	ASTM E1086



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RITES NORTHERN REGION LABORATORY, PLOT NO 466, SECTOR 68, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-9793	Page No	3 of 5
Validity	25/08/2021 to 24/08/2023	Last Amended on	-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
38	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Aluminium (Al)	JIS G 1253
39	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Carbon (C)	ASTM E 1086
40	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Carbon (C)	IS 9879
41	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Carbon (C)	JIS G 1253
42	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Chromium (Cr)	JIS G 1253
43	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Cobalt (Co)	JIS G 1253
44	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Copper (Cu)	JIS G 1253
45	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Manganese (Mn)	ASTM E 1086
46	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Manganese (Mn)	IS 9879
47	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Manganese (Mn)	JIS G 1253
48	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Molybdenum (Mo)	ASTM E 1086
49	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Molybdenum (Mo)	IS 9879
50	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Molybdenum (Mo)	JIS G 1253
51	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Nickel (Ni)	JIS G 1253
52	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Phosphorous (P)	ASTM E 1086
53	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Phosphorous (P)	IS 9879
54	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Phosphorous (P)	JIS G 1253
55	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Silicon (Si)	ASTM E 1086
56	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Silicon (Si)	IS 9879



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RITES NORTHERN REGION LABORATORY, PLOT NO 466, SECTOR 68, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-9793	Page No	4 of 5
Validity	25/08/2021 to 24/08/2023	Last Amended on	-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
57	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Silicon (Si)	JIS G 1253
58	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Sulphur (S)	ASTM E 1086
59	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Sulphur (S)	IS 9879
60	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Sulphur (S)	JIS G 1253
61	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Titanium (Ti)	JIS G 1253
62	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Vanadium (V)	IS 9879
63	CHEMICAL- METALS & ALLOYS	Ferrous: Iron Base Stainless Steel (By Spectro)	Vanadium (V)	JIS G 1253
64	CHEMICAL- METALS & ALLOYS	Non Ferrous: Aluminum Base Pure Aluminum, Aluminum Alloy (By Spectro)	Chromium (Cr)	ASTM E 1251
65	CHEMICAL- METALS & ALLOYS	Non Ferrous: Aluminum Base Pure Aluminum, Aluminum Alloy (By Spectro)	Copper (Cu)	ASTM E 1251
66	CHEMICAL- METALS & ALLOYS	Non Ferrous: Aluminum Base Pure Aluminum, Aluminum Alloy (By Spectro)	Iron (Fe)	ASTM E 1251
67	CHEMICAL- METALS & ALLOYS	Non Ferrous: Aluminum Base Pure Aluminum, Aluminum Alloy (By Spectro)	Magnesium (Mg)	ASTM E 1251
68	CHEMICAL- METALS & ALLOYS	Non Ferrous: Aluminum Base Pure Aluminum, Aluminum Alloy (By Spectro)	Manganese (Mn)	ASTM E 1251
69	CHEMICAL- METALS & ALLOYS	Non Ferrous: Aluminum Base Pure Aluminum, Aluminum Alloy (By Spectro)	Silicon (Si)	ASTM E 1251
70	CHEMICAL- METALS & ALLOYS	Non Ferrous: Aluminum Base Pure Aluminum, Aluminum Alloy (By Spectro)	Titanium (Ti)	ASTM E 1251
71	CHEMICAL- METALS & ALLOYS	Non Ferrous: Aluminum Base Pure Aluminum, Aluminum Alloy (By Spectro)	Zinc (Zn)	ASTM E 1251
72	CHEMICAL- METALS & ALLOYS	Non Ferrous: Aluminum Base Pure Aluminum, Aluminum Alloy (By Spectro)	Lead (Pb)	ASTM E 1251
73	CHEMICAL- METALS & ALLOYS	Non Ferrous: Aluminum Base Pure Aluminum, Aluminum Alloy (By Spectro)	Nickel (Ni)	ASTM E 1251
74	CHEMICAL- METALS & ALLOYS	Non Ferrous: Aluminum Base Pure Aluminum, Aluminum Alloy (By Spectro)	Tin (Sn)	ASTM E 1251
75	CHEMICAL- METALS & ALLOYS	Non Ferrous: Copper Base Pure Copper, Cu/Zn Alloy, Cu/Sn/Pb Alloy, Cu/Al Alloy (by Spectro)	Aluminium (Al)	BS EN 15079



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RITES NORTHERN REGION LABORATORY, PLOT NO 466, SECTOR 68, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-9793	Page No	5 of 5
Validity	25/08/2021 to 24/08/2023	Last Amended on	-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
76	CHEMICAL- METALS & ALLOYS	Non Ferrous: Copper Base Pure Copper, Cu/Zn Alloy, Cu/Sn/Pb Alloy, Cu/Al Alloy (by Spectro)	Arsenic (As)	BS EN 15079
77	CHEMICAL- METALS & ALLOYS	Non Ferrous: Copper Base Pure Copper, Cu/Zn Alloy, Cu/Sn/Pb Alloy, Cu/Al Alloy (by Spectro)	Bismuth (Bi)	BS EN 15079
78	CHEMICAL- METALS & ALLOYS	Non Ferrous: Copper Base Pure Copper, Cu/Zn Alloy, Cu/Sn/Pb Alloy, Cu/Al Alloy (by Spectro)	Iron (Fe)	BS EN 15079
79	CHEMICAL- METALS & ALLOYS	Non Ferrous: Copper Base Pure Copper, Cu/Zn Alloy, Cu/Sn/Pb Alloy, Cu/Al Alloy (by Spectro)	Lead (Pb)	BS EN 15079
80	CHEMICAL- METALS & ALLOYS	Non Ferrous: Copper Base Pure Copper, Cu/Zn Alloy, Cu/Sn/Pb Alloy, Cu/Al Alloy (by Spectro)	Manganese (Mn)	BS EN 15079
81	CHEMICAL- METALS & ALLOYS	Non Ferrous: Copper Base Pure Copper, Cu/Zn Alloy, Cu/Sn/Pb Alloy, Cu/Al Alloy (by Spectro)	Nickel (Ni)	BS EN 15079
82	CHEMICAL- METALS & ALLOYS	Non Ferrous: Copper Base Pure Copper, Cu/Zn Alloy, Cu/Sn/Pb Alloy, Cu/Al Alloy (by Spectro)	Phosphorous (P)	BS EN 15079
83	CHEMICAL- METALS & ALLOYS	Non Ferrous: Copper Base Pure Copper, Cu/Zn Alloy, Cu/Sn/Pb Alloy, Cu/Al Alloy (by Spectro)	Silicon (Si)	BS EN 15079
84	CHEMICAL- METALS & ALLOYS	Non Ferrous: Copper Base Pure Copper, Cu/Zn Alloy, Cu/Sn/Pb Alloy, Cu/Al Alloy (by Spectro)	Sulphur (S)	BS EN 15079
85	CHEMICAL- METALS & ALLOYS	Non Ferrous: Copper Base Pure Copper, Cu/Zn Alloy, Cu/Sn/Pb Alloy, Cu/Al Alloy (by Spectro)	Tin (Sn)	BS EN 15079
86	CHEMICAL- METALS & ALLOYS	Non Ferrous: Copper Base Pure Copper, Cu/Zn Alloy, Cu/Sn/Pb Alloy, Cu/Al Alloy (by Spectro)	Zinc (Zn)	BS EN 15079