National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : Q.A./Q.C. LAB, S.S.PLANT, INDRAD WORKS RATNAMANI METALS & TUBES LTD., SURVEY NO. 423, AHMEDABAD-MEHSANA HIGHWAY, VILLAGE: INDRAD ,TA. KADI, CHHATRAL, MAHESANA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8114 **Page No** 1 of 11

Validity 16/11/2021 to 15/11/2023 **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	Nickel & its alloys	Aluminium	RMTL Work Instruction No.RMTL-ISS-QA&C-WI18 R0
2	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Carbon	RMTL Work Instruction No.RMTL-ISS-QA&C-WI18 R0
3	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Chromium	RMTL Work Instruction No.RMTL-ISS-QA&C-WI18 R0
4	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Cobalt	RMTL Work Instruction No.RMTL-ISS-QA&C-WI18 R0
5	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Copper	RMTL Work Instruction No.RMTL-ISS-QA&C-WI18 R0
6	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Iron	RMTL Work Instruction No.RMTL-ISS-QA&C-WI18 R0
7	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Manganese	RMTL Work Instruction No.RMTL-ISS-QA&C-WI18 R0
8	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Molybdenum	RMTL Work Instruction No.RMTL-ISS-QA&C-WI18 R0
9	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Niobium	RMTL Work Instruction No.RMTL-ISS-QA&C-WI18 R0
10	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Nitrogen	RMTL Work Instruction No.RMTL-ISS-QA&C-WI18 R0
11	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Phosphorus	RMTL Work Instruction No.RMTL-ISS-QA&C-WI18 R0
12	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Silicon	RMTL Work Instruction No.RMTL-ISS-QA&C-WI18 R0
13	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Sulfur	RMTL Work Instruction No.RMTL-ISS-QA&C-WI18 R0
14	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tantalum	RMTL Work Instruction No.RMTL-ISS-QA&C-WI18 R0
15	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Titanium	RMTL Work Instruction No.RMTL-ISS-QA&C-WI18 R0
16	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tungsten	RMTL Work Instruction No.RMTL-ISS-QA&C-WI18 R0
17	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminium	IS 9879- 98 (R 2015) ASTM E1086-14
18	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879- 98 (R 2015) ASTM E1086-14

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8114 **Page No** 2 of 11

Validity 16/11/2021 to 15/11/2023 **Last Amended on** -

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19	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879- 98 (R 2015) ASTM E1086-14
20	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	IS 9879- 98 (R 2015) ASTM E1086-14
21	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879- 98 (R 2015) ASTM E1086-14
22	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879- 98 (R 2015) ASTM E1086-14
23	CHEMICAL- METALS & ALLOYS	Stainless steel	Molybdenum	IS 9879- 98 (R 2015) ASTM E1086-14
24	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879- 98 (R 2015) ASTM E1086-14
25	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	IS 9879- 98 (R 2015) ASTM E1086-14
26	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	IS 9879- 98 (R 2015) ASTM E1086-14
27	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 9879- 98 (R 2015) ASTM E1086-14
28	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879- 98 (R 2015) ASTM E1086-14
29	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulfur	IS 9879- 98 (R 2015) ASTM E1086-14
30	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	IS 9879- 98 (R 2015) ASTM E1086-14
31	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	IS 9879- 98 (R 2015) ASTM E1086-14
32	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	% Elongation	ASTM A370-20
33	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	% Elongation	ASTM E8/E8M-21
34	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	% Elongation	IS 1608(Part 1)
35	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	% Elongation	ISO 6892-1

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8114	**Page No**	3 of 11
Validity	16/11/2021 to 15/11/2023	**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
36	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Drift Expanding Test	EN ISO 8493
37	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Flaring Test	ASME SB-829
38	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Flaring Test	ASTM A370-20
39	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Flattening Test	ASTM A370-20
40	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Flattening Test	EN ISO 8492
41	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Rockwell Hardness Test (HR 15T)	ASTM A370-20
42	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Rockwell Hardness Test (HR 15T)	ASTM E18-20
43	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Rockwell Hardness Test (HR 15T)	IS 1586 (Part-1), ISO 6508-1
44	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Rockwell Hardness Test (HR 30T)	ASTM A370-20
45	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Rockwell Hardness Test (HR 30T)	ASTM E18-20
46	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Rockwell Hardness Test (HR 30T)	IS 1586 (Part-1),ISO 6508-1
47	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Rockwell Hardness Test (HR 45T)	ASTM A370-20
48	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Rockwell Hardness Test (HR 45T)	ASTM E18-20
49	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Rockwell Hardness Test (HR 45T)	IS 1586 (Part-1), ISO 6508-1

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8114	**Page No**	4 of 11
Validity	16/11/2021 to 15/11/2023	**Last Amended on**	-

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50	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Rockwell Hardness Test (HRB)	ASTM A370-20
51	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Rockwell Hardness Test (HRB)	ASTM E18-20
52	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Rockwell Hardness Test (HRB)	IS 1586 (Part-1), ISO 6508-1
53	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Rockwell Hardness Test (HRC)	ASTM A370-20
54	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Rockwell Hardness Test (HRC)	ASTM E18-20
55	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Rockwell Hardness Test (HRC)	IS 1586 (Part-1), ISO 6508-1
56	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Ultimate Tensile Strength	ASTM A370-20
57	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Ultimate Tensile Strength	ASTM E8/E8M-21
58	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Ultimate Tensile Strength	IS 1608(Part 1)
59	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Ultimate Tensile Strength	ISO 6892-1
60	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Yield Stress	ASTM A370-20
61	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Yield Stress	ASTM E8/E8M-21
62	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Yield Stress	IS 1608(Part 1)
63	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Yield Stress	ISO 6892-1

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-8114
Validity	16/11/2021 to 15/11/2023

Last Amended on -

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64	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Yield Stress (0.2% proof test)	ASTM A370-20
65	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Yield Stress (0.2% proof test)	ASTM E8/E8M-21
66	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Yield Stress (0.2% proof test)	IS 1608(Part 1)
67	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Yield Stress (0.2% proof test)	ISO 6892-1
68	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Yield Stress (0.5% proof test)	ASTM A370-20
69	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Yield Stress (0.5% proof test)	ASTM E8/E8M-21
70	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Yield Stress (0.5% proof test)	IS 1608(Part 1)
71	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Yield Stress (0.5% proof test)	ISO 6892-1
72	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Yield Stress (1.0% proof test)	ASTM A370-20
73	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Yield Stress (1.0% proof test)	ASTM E8/E8M-21
74	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Yield Stress (1.0% proof test)	IS 1608(Part 1)
75	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel & its alloys	Yield Stress (1.0% proof test)	ISO 6892-1
76	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	% Elongation	ASTM A370-20
77	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	% Elongation	ASTM E8/E8M-21

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8114 **Page No** 6 of 11

Validity 16/11/2021 to 15/11/2023 **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
78	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	% Elongation	IS 1608(Part 1)
79	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	% Elongation	ISO 6892-1
80	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Drift Expanding Test	EN ISO 8493
81	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Flaring Test	ASTM A370-20
82	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Flattening Test	ASTM A370-20
83	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Flattening Test	EN ISO 8492
84	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Rockwell Hardness Test (HR 15T)	ASTM A370-20
85	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Rockwell Hardness Test (HR 15T)	ASTM E18-20
86	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Rockwell Hardness Test (HR 15T)	IS 1586 (Part-1), ISO 6508-1
87	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Rockwell Hardness Test (HR 30T)	ASTM A370-20
88	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Rockwell Hardness Test (HR 30T)	ASTM E18-20
89	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Rockwell Hardness Test (HR 30T)	IS 1586 (Part-1), ISO 6508-1
90	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Rockwell Hardness Test (HR 45T)	ASTM A370-20
91	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Rockwell Hardness Test (HR 45T)	ASTM E18-20

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8114 **Page No** 7 of 11

Validity 16/11/2021 to 15/11/2023 **Last Amended on** -

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92	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Rockwell Hardness Test (HR 45T)	IS 1586 (Part-1),ISO 6508-1
93	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Rockwell Hardness Test (HRB)	ASTM A370-20
94	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Rockwell Hardness Test (HRB)	ASTM E18-20
95	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Rockwell Hardness Test (HRB)	IS 1586 (Part-1) ISO 6508-1
96	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Rockwell Hardness Test (HRC)	ASTM A370-20
97	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Rockwell Hardness Test (HRC)	ASTM E18-20
98	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Rockwell Hardness Test (HRC)	IS 1586 (Part-1), ISO 6508-1
99	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Ultimate Tensile Strength	ASTM A370-20
100	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Ultimate Tensile Strength	ASTM E8/E8M-21
101	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Ultimate Tensile Strength	IS 1608(Part 1)
102	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Ultimate Tensile Strength	ISO 6892-1
103	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Yield Stress	ASTM A370-20
104	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Yield Stress	ASTM E8/E8M-21
105	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Yield Stress	IS1608(Part 1)

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8114 **Page No** 8 of 11

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106	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Yield Stress	ISO 6892-1
107	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Yield Stress (0.2% proof test)	ASTM A370-20
108	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Yield Stress (0.2% proof test)	ASTM E8/E8M-21
109	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Yield Stress (0.2% proof test)	IS 1608(Part 1)
110	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Yield Stress (0.2% proof test)	ISO 6892-1
111	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Yield Stress (0.5% proof test)	ASTM A370-20
112	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Yield Stress (0.5% proof test)	ASTM E8/E8M-21
113	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Yield Stress (0.5% proof test)	IS 1608(Part 1)
114	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Yield Stress (0.5% proof test)	ISO 6892-1
115	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Yield Stress (1.0% proof test)	ASTM A370-20
116	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Yield Stress (1.0% proof test)	ASTM E8/E8M-21
117	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Yield Stress (1.0% proof test)	IS 1608(Part 1)
118	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Yield Stress (1.0% proof test)	ISO 6892-1
119	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	ASTM Grain Size	ASTM E112-13; ASTM E1181-02(2015)

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Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-8114
Validity	16/11/2021 to 15/11/2023

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
120	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Detecting inter-metallic phase	ASTM A923-14
121	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Ferrite Content Measurement	ASTM A800 / A800M-20
122	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Ferrite Content Measurement / Volume Fraction Measurement	ASTM E562-19e1
123	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Huey Test	ISO 3651-1
124	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Microstructure Examination	ISO 17781
125	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Test Method A- Sodium Hydroxide Etch Test	ASTM A923-14
126	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Test Method C- Ferric Chloride Corrosion Test	ASTM A923-14
127	MECHANICAL-METALLOGRAPHY TEST	Nickel & its alloys	ASTM Grain Size	Comparison method for grain size no. 1 to 10 & Intercept method for grain size no 11 to 14, ASTM E112
128	MECHANICAL-METALLOGRAPHY TEST	Nickel & its alloys	General Micro structure	ASM Handbook Volume 9; ASTM E407-07(2015)e1: 2015
129	MECHANICAL-METALLOGRAPHY TEST	Nickel & its alloys	Inclusion Rating	ASTM E45-18a
130	MECHANICAL-METALLOGRAPHY TEST	Nickel & its alloys	Inclusion Rating	ISO 4967
131	MECHANICAL-METALLOGRAPHY TEST	Nickel & its alloys	Macro Etch Test	ASTM E340-15
132	MECHANICAL-METALLOGRAPHY TEST	Nickel & its alloys	Macro Etch Test	ASTM E381-20
133	MECHANICAL-METALLOGRAPHY TEST	Nickel & its alloys	Method A- Ferric Chloride Pitting Test	ASTM G48-11(2020)e1
134	MECHANICAL-METALLOGRAPHY TEST	Nickel & its alloys	Method A -Ferric Sulfate-Sulfuric Acid Test	ASTM G28-02(2015)
135	MECHANICAL-METALLOGRAPHY TEST	Nickel & its alloys	Method B- Ferric Chloride Crevice test	ASTM G48-11(2020)e1
136	MECHANICAL-METALLOGRAPHY TEST	Nickel & its alloys	Practice B- Ferric Sulfate-Sulfuric Acid test	ASTM A262-15
137	MECHANICAL-METALLOGRAPHY TEST	Nickel & its alloys	Practice C- Nitric Acid Test	ASTM A262-15

SCOPE OF ACCREDITATION

Laboratory Name :	Q.A./Q.C. LAB, S.S.PLANT, INDRAD WORKS RATNAMANI METALS & TUBES LTD., SURVEY NO. 423, AHMEDABAD-MEHSANA HIGHWAY, VILLAGE: INDRAD ,TA. KADI, CHHATRAL, MAHESANA, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8114	**Page No**	10 of 11
Validity	16/11/2021 to 15/11/2023	**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
138	MECHANICAL-METALLOGRAPHY TEST	Nickel & its alloys	Stress Corrosion Cracking Test	RMTL Work Instruction No.: RMTL-ISS-QA&C-WI29 R0; ASTM G36-94(2018)
139	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	ASTM Grain Size	Comparison method for grain size no. 1 to 10 & Intercept method for grain size no 11 to 14, ASTM E112
140	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Ferrite Content Measurement	ASTM A800 / A800M-20
141	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	General Micro structure	ASM Handbook Volume 9; ASTM E407-07(2015)e1
142	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Inclusion Rating	ASTM E45-18a
143	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Inclusion Rating	ISO 4967
144	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Macro Etch Test	ASTM E340-15
145	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Macro Etch Test	ASTM E381-20
146	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Method A- 16% Sulfuric Acid-Copper Sulfate Test	EN ISO 3651 - 2
147	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Method A- Ferric Chloride Pitting Test	ASTM G48-11(2020)e1
148	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Method A -Ferric Sulfate-Sulfuric Acid Test	ASTM G28-02(2015)
149	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Method B- 35% Sulfuric Acid-Copper Sulfate Test	EN ISO 3651-2
150	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Method B- Ferric Chloride Crevice test	ASTM G48-11(2020)e1
151	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Method C- 40% Sulfuric Acid-Ferric Sulfate Test	EN ISO 3651-2
152	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Practice A- Oxalic Acid Etch Test	ASTM A262-15
153	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Practice B- Ferric Sulfate-Sulfuric Acid test	ASTM A262-15
154	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Practice C- Nitric Acid Test	ASTM A262-15
155	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Practice E- Copper-Copper Sulfate-16%Sulfuric Acid Test	ASTM A262-15

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	Q.A./Q.C. LAB, S.S.PLANT, INDRAD WORKS RATNAMANI METALS & TUBES LTD., SURVEY NO. 423, AHMEDABAD-MEHSANA HIGHWAY, VILLAGE: INDRAD ,TA. KADI, CHHATRAL, MAHESANA, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8114	**Page No**	11 of 11
Validity	16/11/2021 to 15/11/2023	**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
156	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Practice W- Oxalic Acid Etch Test	ASTM A 763-15
157	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Practice Z- Copper-Copper Sulfate-16%Sulfuric Acid Test	ASTM A763-15
158	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Stress Corrosion Cracking Test	RMTL Work Instruction No.: RMTL-ISS-QA&C-WI29 R0; ASTM G36-94(2018)