National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY CONTROL LABORATORY, JINDAL STEEL & POWER LIMITED, BALKUDRA, PATRATU, RAMGARH, JHARKHAND, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5964 **Page No** 1 of 4

Validity 03/12/2022 to 02/12/2024 **Last Amended on** 22/02/2023

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	Carbon Steel	Aluminium (Al)	IS 8811
2	CHEMICAL- METALS & ALLOYS	Carbon Steel	Aluminium (Al)	JIS G 1253
3	CHEMICAL- METALS & ALLOYS	Carbon Steel	Boron (B)	IS 8811
4	CHEMICAL- METALS & ALLOYS	Carbon Steel	Boron (B)	JIS G 1253
5	CHEMICAL- METALS & ALLOYS	Carbon Steel	Carbon (C)	IS 8811
6	CHEMICAL- METALS & ALLOYS	Carbon Steel	Carbon (C)	JIS G 1253
7	CHEMICAL- METALS & ALLOYS	Carbon Steel	Chromium (Cr)	IS 8811
8	CHEMICAL- METALS & ALLOYS	Carbon Steel	Chromium (Cr)	JIS G 1253
9	CHEMICAL- METALS & ALLOYS	Carbon Steel	Copper (Cu)	IS 8811
10	CHEMICAL- METALS & ALLOYS	Carbon Steel	Copper (Cu)	JIS G 1253
11	CHEMICAL- METALS & ALLOYS	Carbon Steel	Manganese (Mn)	IS 8811
12	CHEMICAL- METALS & ALLOYS	Carbon Steel	Manganese (Mn)	JIS G 1253
13	CHEMICAL- METALS & ALLOYS	Carbon Steel	Molybdenum (Mo)	IS 8811
14	CHEMICAL- METALS & ALLOYS	Carbon Steel	Molybdenum (Mo)	JIS G 1253
15	CHEMICAL- METALS & ALLOYS	Carbon Steel	Nickel (Ni)	IS 8811
16	CHEMICAL- METALS & ALLOYS	Carbon Steel	Nickel (Ni)	JIS G 1253
17	CHEMICAL- METALS & ALLOYS	Carbon Steel	Niobium (Nb)	IS 8811
18	CHEMICAL- METALS & ALLOYS	Carbon Steel	Niobium (Nb)	JIS G 1253

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY CONTROL LABORATORY, JINDAL STEEL & POWER LIMITED, BALKUDRA, PATRATU, RAMGARH, JHARKHAND, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5964 **Page No** 2 of 4

Validity 03/12/2022 to 02/12/2024 **Last Amended on** 22/02/2023

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	Carbon Steel	Phosphorus (P)	IS 8811
20	CHEMICAL- METALS & ALLOYS	Carbon Steel	Phosphorus (P)	JIS G 1253
21	CHEMICAL- METALS & ALLOYS	Carbon Steel	Silicon (Si)	IS 8811
22	CHEMICAL- METALS & ALLOYS	Carbon Steel	Silicon (Si)	JIS G 1253
23	CHEMICAL- METALS & ALLOYS	Carbon Steel	Sulfur (S)	IS 8811
24	CHEMICAL- METALS & ALLOYS	Carbon Steel	Sulfur (S)	JIS G 1253
25	CHEMICAL- METALS & ALLOYS	Carbon Steel	Titanium (Ti)	IS 8811
26	CHEMICAL- METALS & ALLOYS	Carbon Steel	Titanium (Ti)	JIS G 1253
27	CHEMICAL- METALS & ALLOYS	Carbon Steel	Vanadium (V)	IS 8811
28	CHEMICAL- METALS & ALLOYS	Carbon Steel	Vanadium (V)	JIS G 1253
29	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Aluminium (Al)	IS 8811
30	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Aluminium (Al)	JIS G 1253
31	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Boron (B)	IS 8811
32	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Boron (B)	JIS G 1253
33	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon (C)	IS 8811
34	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon (C)	JIS G 1253
35	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Chromium (Cr)	IS 8811
36	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Chromium (Cr)	JIS G 1253
37	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Copper (Cu)	IS 8811

SCOPE OF ACCREDITATION

Laboratory Name :	QUALITY CONTROL LABORATORY, JINDAL STEEL & POWER LIMITED, BALKUDRA, PATRATU, RAMGARH, JHARKHAND, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5964	**Page No**	3 of 4
Validity	03/12/2022 to 02/12/2024	**Last Amended on**	22/02/2023

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	Low Alloy Steel	Copper (Cu)	JIS G 1253
39	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Manganese (Mn)	IS 8811
40	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Manganese (Mn)	JIS G 1253
41	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Molybdenum (Mo)	IS 8811
42	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Molybdenum (Mo)	JIS G 1253
43	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Nickel (Ni)	IS 8811
44	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Nickel (Ni)	JIS G 1253
45	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Niobium (Nb)	IS 8811
46	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Niobium (Nb)	JIS G 1253
47	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorus (P)	IS 8811
48	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorus (P)	JIS G 1253
49	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon (Si)	IS 8811
50	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon (Si)	JIS G 1253
51	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulfur (S)	IS 8811
52	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulfur (S)	JIS G 1253
53	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Titanium (Ti)	IS 8811
54	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Titanium (Ti)	JIS G 1253
55	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Vanadium (V)	IS 8811
56	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Vanadium (V)	JIS G 1253

SCOPE OF ACCREDITATION

Laboratory Name :	QUALITY CONTROL LABORATORY, JINDAL STEEL & POWER LIMITED, BALKUDRA, PATRATU, RAMGARH, JHARKHAND, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5964	**Page No**	4 of 4
Validity	03/12/2022 to 02/12/2024	**Last Amended on**	22/02/2023

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	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bar	Re bend Test	IS 1786
58	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rod, Angle, Round Bar, High Strength Deformed Steel Bar	Bend Test	IS 1599
59	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rod, Angle, Round Bar, High Strength Deformed Steel Bar	Brinell Hardness Test	IS 1500 (Part 1)
60	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rod, Angle, Round Bar, High Strength Deformed Steel Bar	Elongation	IS 1608 (Part 1)
61	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rod, Angle, Round Bar, High Strength Deformed Steel Bar	Reduction in Area	IS 1608 (Part 1)
62	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rod, Angle, Round Bar, High Strength Deformed Steel Bar	Rockwell Hardness HRBW	IS 1586 (Part 1)
63	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rod, Angle, Round Bar, High Strength Deformed Steel Bar	Rockwell Hardness HRC	IS 1586 (Part 1)
64	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rod, Angle, Round Bar, High Strength Deformed Steel Bar	Tensile Strength	IS 1608 (Part 1)
65	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rod, Angle, Round Bar, High Strength Deformed Steel Bar	Upset Test	IS 10167
66	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rod, Angle, Round Bar, High Strength Deformed Steel Bar	Yield Stress	IS 1608 (Part 1)
67	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Determination of Non-Metallic Inclusion content by Method-A	ASTM: E-45
68	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Determination of Non-Metallic Inclusion content by Method-A	IS 4163
69	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Estimation of average grain size by comparison method	ASTM:E-112
70	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Estimation of average grain size by comparison method	IS 4748
71	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Measurement of decarburized depth	IS 6396