National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	QC LAB, RASHMI METALIKS LIMITED, SHYAMRAIPUR, GOKULPUR, KHARAGPUR, MEDINIPUR WEST, WEST BENGAL, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-9227	**Page No**	1 of 4
Validity	18/01/2021 to 17/01/2023	**Last Amended on**	23/08/2022

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- METALS & ALLOYS	Carbon & Low Alloy Steel	Carbon	IS 8811
2	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Chromium	IS 8811
3	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Copper	IS 8811
4	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Manganese	IS 8811
5	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Molybdenum	IS 8811
6	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Nickel	IS 8811
7	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Phosphorous	IS 8811
8	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Silicon	IS 8811
9	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Sulphur	IS 8811
10	CHEMICAL- ORES & MINERALS	Bentonite	Moisture	IS 12446
11	CHEMICAL- ORES & MINERALS	Bentonite	Alumina	IS 12621
12	CHEMICAL- ORES & MINERALS	Bentonite	Free Swelling	IS 12446
13	CHEMICAL- ORES & MINERALS	Bentonite	Iron	Manual of Procedure for chemical and instrumental analysis of ores, minerals, ore dressing products and environmental samples, Issued by: Controller General Indian Bureau of Mines Nagpur,clause no.1.2.1.1 page no.05,
14	CHEMICAL- ORES & MINERALS	Bentonite	LOI	IS 12446
15	CHEMICAL- ORES & MINERALS	Bentonite	Silica	IS 12621

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16	CHEMICAL- ORES & MINERALS	Iron Ore	LOI	Manual of Procedure for chemical and instrumental analysis of ores, minerals, ore dressing products and environmental samples, Issued by: Controller General Indian Bureau of Mines Nagpur,Agenda 2,cl no.1.2.2.8 page no.26,
17	CHEMICAL- ORES & MINERALS	Iron ore and Iron ore Pellet	Alumina	IS 1493 Part 1
18	CHEMICAL- ORES & MINERALS	Iron ore and Iron Ore Pellet	CaO	Manual of Procedure for chemical and instrumental analysis of ores, minerals, ore dressing products and environmental samples, Issued by: Controller General Indian Bureau of Mines Nagpur cl.no.1.2.1.2 page 05
19	CHEMICAL- ORES & MINERALS	Iron ore and Iron Ore Pellet	Fe Total	IS 1493 Part 1
20	CHEMICAL- ORES & MINERALS	Iron ore and Iron Ore Pellet	MgO	Manual of Procedure for chemical and instrumental analysis of ores, minerals, ore dressing products and environmental samples, Issued by: Controller General Indian Bureau of Mines Nagpur clause no. 1.2.1.3.page no.06
21	CHEMICAL- ORES & MINERALS	Iron ore and Iron Ore Pellet	Phosphorous	IS 1493 Part 1
22	CHEMICAL- ORES & MINERALS	Iron ore and Iron Ore Pellet	Silica	IS 1493 Part 1
23	CHEMICAL- ORES & MINERALS	Iron Ore Pellet	CCS	IS 8625
24	CHEMICAL- ORES & MINERALS	Limestone	LOI	IS 1760 Part-1
25	CHEMICAL- SOLID FUELS	Coal	Ash content	IS 1350(P-1)
26	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	IS 1350: P-2
27	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	IS 1350 (P-1)

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28	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Round Bar	Bend Test	IS 1599
29	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Round Bar	Elongation	IS 1608 P-1
30	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Round Bar	Tensile Strength	IS 1608 P-1
31	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Round Bar	Yield Stress	IS 1608 P-1
32	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Bend Test	IS 1599
33	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Elongation	IS 1608 P-1
34	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Mean Projected Rib Area per unit length (Ar)	IS 1786
35	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Nominal Mass per meter	IS 1786
36	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Rebend Test	IS 1786
37	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Tensile Strength	IS 1608 P-1
38	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Total Elongation at maximum force	IS 1608 (obsolete)
39	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Yield Stress	IS 1608 P-1
40	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rod	Bend	IS 1599
41	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rod	Elongation	IS 1608 P-1

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42	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rod	Tensile Strength	IS 1608 P-1
43	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rod	Yield Stress	IS 1608 P-1