National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY CONTROL LABORATORY, SHYAM METALICS & ENERGY LIMITED, P.O-LAPANGA, SAMBALPUR, PANDLOI, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7491 **Page No** 1 of 2

Validity 16/06/2021 to 15/06/2023 **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	Carbon & Low Alloy Steel	Carbon	IS 8811
2	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Manganese	IS 8811
3	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Phosphorous	IS 8811
4	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Silicon	IS 8811
5	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Sulphur	IS 8811
6	CHEMICAL- METALS & ALLOYS	High Carbon Ferro Chrome	Phosphorous	IS 13452(part- 7)
7	CHEMICAL- METALS & ALLOYS	High Carbon Ferro Chrome	Silicon	IS 13452 (part -1)
8	CHEMICAL- ORES & MINERALS	Chromite Ore	Silicon	IS 12667 (P-1)
9	CHEMICAL- ORES & MINERALS	Sponge Iron	Carbon	IS 228 (P-1)
10	CHEMICAL- ORES & MINERALS	Sponge Iron	Mettalic Iron	IS 15774
11	CHEMICAL- ORES & MINERALS	Sponge Iron	Phosphorous	IS 1493
12	CHEMICAL- SOLID FUELS	Coke	Ash Content	IS 1350
13	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipe	Drift Expansion Test	IS 2335
14	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipe	Elongation	IS 1608(Part 1)
15	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipe	Flattening Test	IS 2328
16	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipe	Tensile Stress	IS 1608(Part 1)
17	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipe	Yield Stress	IS 1608(Part 1)

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18	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel	Bend Test	IS 1608(Part 1)
19	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel	Elongation	IS 1608(Part 1)
20	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel	Tensile Strength	IS 1608(Part 1)
21	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel	Yield Stress	IS 1608(Part 1)
22	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Ar Value	IS 1786
23	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Bend Test	IS 2062
24	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Elongation	IS 1608(Part 1)
25	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Re bend Test	IS 1786
26	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Sec. Weight	IS 1786
27	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Tensile Strength	IS 1608(Part 1)
28	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Total Elongation	IS 1608(Part 1)
29	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Yield Stress	IS 1608(Part 1)
30	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	YS/ TS	IS 1608(Part 1), IS 1786