National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : METALLURGICAL LABORATORY, TEXMACO RAIL & ENGINEERING LTD., BELGHARIA, 24 PARAGANAS NORTH, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7941 **Page No** 1 of 2

Validity 28/10/2022 to 27/10/2024 **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	Plain Carbon and Low Alloy Steel	Aluminium	ASTM E415
2	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Carbon	ASTM E415
3	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Chromium	ASTM E415
4	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Copper	ASTM E415
5	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Manganese	ASTM E415
6	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Molybdenum	ASTM E415
7	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Nickel	ASTM E415
8	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Phosphorus	ASTM E415
9	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Silicon	ASTM E415
10	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steel	Sulphur	ASTM E415
11	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness	ASTM E10
12	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact (Upto (-) 60 degC)	ISO 148-1
13	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockell Hardness (C Scale)	ASTM E18
14	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness (B Scale)	ASTM E18
15	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Round Solid Bar & Plate	% Reduction of Area	ASTM E8/8M
16	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Round Solid Bar & Plate	% Elongation	ASTM E8/8M

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17	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Round Solid Bar & Plate	Tensile Strength	ASTM E8/E8M
18	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Round Solid Bar & Plate	Yield Strength	ASTM E8/8M