National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CHEMICAL AND METALLURGICAL LABORATORY, WESTERN RAILWAY CARRIAGE REPAIR WORKSHOP, N.M. JOSHI MARG, LOWER PAREL, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10828 **Page No** 1 of 1

Validity 15/07/2022 to 14/07/2024 **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	Low Alloy Steel	Carbon estimation	IS- 228 (Part -1)
2	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Chromium estimation	IS- 228 (Part -6)
3	CHEMICAL- METALS & ALLOYS	Low Alloy steel	Nickel estimation	IS- 228 (Part -5)
4	CHEMICAL- PAINTS & SURFACE COATING	Paints	Consistency/ Viscosity By Flow Cup No.4	IS 101 Part 1 Sec 5
5	CHEMICAL- PAINTS & SURFACE COATING	Paints	Mass in Kg/10Ltr	IS 101 Part 1 Sec 7
6	CHEMICAL- RUBBER & RUBBER PRODUCTS	Misc. Rubber Products viz O rings, washers etc.	Ash Content by direct method	IS 3400 (Part 22)
7	CHEMICAL- WATER	Bio toilet discharge water	pH Value	IS 3025 (Part 11)
8	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Vicker Hardness Test	IS 1501-Part 1
9	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Vickers Hardness Test	IS 1501-Part 1
10	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness	IS 1586-Part 1
11	NON-DESTRUCTIVE-METALS & ALLOYS	Forged Steel Axles for carriages (HCCTC)	Ultrasonic Testing for detection of Internal flaws	RDSO Code of Procedures K-211
12	NON-DESTRUCTIVE-METALS & ALLOYS	Forged steel Axles for carriages (ICF-16T)	Ultrasonic Testing for detection of Internal flaws	RDSO Code of ProceduresMC-34
13	NON-DESTRUCTIVE-METALS & ALLOYS	Forged steel Axles for carriages (LHB)	Ultrasonic Testing for detection of Internal flaws	RDSO Code of Procedures MC-85