National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : WABTEC LAB (WABTEC INDIA INDUSTRIAL PRIVATE LIMITED), NO 130, EPIP PHASE 2, KIADB INDUSTRIAL AREA, WHITEFIELD, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10126 **Page No** 1 of 2

Validity 12/08/2022 to 07/12/2023 **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	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical components/Assemblies of Aerospace, Automotive, & Rolling stock equipment	Change of temperature test (thermal cyclic test)	IEC 60068-2-14: Clause 8.2.3
2	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical components/Assemblies of Aerospace, Automotive, & Rolling stock equipment	Cold Test	IEC 60068-2-1:Clause 6.6.1
3	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical components/Assemblies of Aerospace, Automotive, & Rolling stock equipment	Damp heat cyclic(Humidity test)	IEC 60068-2-30: Clause 7.3
4	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical components/Assemblies of Aerospace, Automotive, & Rolling stock equipment	Dry Heat Test	IEC 60068-2-2: Clause 6.5.1
5	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronic components/Assemblies of Aerospace, Automotive, & Rolling stock equipment	Change of temperature test (thermal cyclic test)	IEC 60068-2-14: Clause 8.2.3
6	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronic components/Assemblies of Aerospace, Automotive, & Rolling stock equipment	Cold Test	IEC 60068-2-1:Clause 6.6.1
7	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronic components/Assemblies of Aerospace, Automotive, & Rolling stock equipment	Damp Heat cyclic(Humidity test)	IEC 60068-2-30: Clause 7.3
8	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronic components/Assemblies of Aerospace, Automotive, & Rolling stock equipment	Dry Heat Test	IEC 60068-2-2: Clause 6.5.1
9	MECHANICAL-AUTOMOTIVE COMPONENTS	Automobile parts	Resonance Frequency Detection Test	JIS D1601 Clause No: 5.1
10	MECHANICAL-AUTOMOTIVE COMPONENTS	Automobile Parts	Sweep Vibration Endurance Test	JIS D1601 Clause No:5.4
11	MECHANICAL-AUTOMOTIVE COMPONENTS	Automobile Parts	Vibration Endurance Test	JIS D1601 Clause No: 5.3
12	MECHANICAL-AUTOMOTIVE COMPONENTS	Automobile Parts	Vibration Function Test	JIS D1601 Clause No:5.2
13	MECHANICAL- NOISE & VIBRATION	Electrical and Electronic equipment	Mechanical shock test	MIL-PRF-28800F Clause No: 4.5.5.4
14	MECHANICAL- NOISE & VIBRATION	Electrical and electronic equipment	Random Vibration	MIL-PRF-28800F Clause No: 4.5.5.3.1

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15	MECHANICAL- NOISE & VIBRATION	Electrical and electronic equipment	Sinusoidal Vibration test	MIL-PRF-28800F Clause No: 4.5.5.3.2
16	MECHANICAL- NOISE & VIBRATION	Parts/Assemblies of Aerospace, Automotive, & Rolling stock equipment	Random Vibration	IEC 60068-2-64
17	MECHANICAL- NOISE & VIBRATION	Parts/Assemblies of Aerospace, Automotive, & Rolling stock equipment	Shock test	IEC 60068-2-27
18	MECHANICAL- NOISE & VIBRATION	Parts/Assemblies of Aerospace, Automotive, & Rolling stock equipment	Sinusoidal vibration	IEC 60068-2-6
19	MECHANICAL- NOISE & VIBRATION	Rolling Stock Equipment	Functional Random Test	IEC 61373:2010 Clause No.8 (Body mounted & Bogie mounted)
20	MECHANICAL- NOISE & VIBRATION	Rolling Stock Equipment	Shock Test	IEC 61373:2010 Clause No.10(Body mounted & Bogie mounted)
21	MECHANICAL- NOISE & VIBRATION	Rolling Stock Equipment	Simulated long-life testing at increased random vibration levels	IEC 61373:2010 Clause No.9 (Body mounted & Bogie mounted)