National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING DEPARTMENT, C-QA, BHARAT ELECTRONICS LIMITED, BANGALORE COMPLEX, BHARAT ELECTRONICS LIMITED, JALAHALI POST, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9937 **Page No** 1 of 2

Validity 04/10/2021 to 03/10/2023 **Last Amended on** 23/03/2023

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	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Joint Samples, Aluminum	Tensile Strength of LAP Welded Joint	BEL Standards / QS-1722
2	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Vacuum Interrupted tubes	Pull Strength (Breaking Load)	BEL Drawing QP 1462-section-19
3	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Joint Samples, Aluminum	Tensile Strength of BUTT Welded Joint	BEL Standards / QS-1722
4	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Joint Samples, Aluminum	Tensile Strength of CORNER Welded Joint	BEL Standards / QS-1722
5	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Joint Samples, Aluminum	Tensile Strength of TEE Welded Joint	BEL Standards / QS-1722
6	MECHANICAL- PAPER & PAPER PRODUCTS	Paper & Corrugated Paper Board	Bursting Strength	IS 1060 PART-1
7	MECHANICAL- PAPER & PAPER PRODUCTS	Paper & Paper products	Weight of the Paper & Paper Products in GSM	IS 1060 PART-1
8	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber , Natural Rubber samples....	Shore -A	ASTM-D-2240
9	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Crimp Pull Test	Pull Test	IPC-620 A, Clause 19.7
10	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Printed circuit board	Microsection / Measurement of PCB's	JSS 52300 & 52302
11	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Shock Mount Cup Type-1	Load Vs Deflection Test	BEL Standards 3780 002 S
12	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Shock Mount Cup Type-2	Load Vs Deflection Test	BEL Standards 3780 003 S
13	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Shock Mount X-Type - 10Kgf	Load Vs Deflection Test	BEL Standards 3780 001 S
14	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Shock Mount X-Type - 110 Kgf	Load Vs Deflection Test	BEL Standards 3780 001 S

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15	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Shock Mount X-Type - 20 kgf	Load Vs Deflection Test	BEL Standards 3780 001 S
16	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Shock Mount X-Type - 45 Kgf	Load Vs Deflection Test	BEL Standards 3780 001 S
17	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Shock Mount X-Type - 70 Kgf	Load Vs Deflection Test	BEL Standards 3780 001 S