National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : REGIONAL REFERENCE STANDARDS LABORATORY, RRSL, JAKKUR POST, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9295 **Page No** 1 of 3

Validity 04/03/2021 to 03/03/2023 **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	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	AC MAINS VOLTAGE DIP AND SHORT INTERRUPTION	OIML R-76, cl. no. B.3.1
2	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	CREEP TEST	OIML R-76 ,cl. no. A.4.11.1
3	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	DAMP HEAT STEADY STATE	OIML R-76 ,cl.no. B.2
4	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	DISCRIMINATION TEST	OIML R-76 , cl.no. 4.1.1
5	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	ECCENTRICITY TEST	OIML R-76 , cl. no. A.4.7 & A4.7.4
6	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	ELECTRICAL BURSTS	OIML R-76 , cl.no.B.3.2
7	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	ELECTROSTATIC DISCHARGE TEST	OIML R-76 , cl. no. B. 3.4
8	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	ENDURANCE TEST	OIML R-76 ,cl. no. A.6
9	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	IMMUNITY TO CONDUCTED RADIO FREQUENCY FIELD	OIML R-76 ,cl.no. B.3.5
10	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	IMMUNITY TO RADIATED ELECTROMAGNETIC FEILD	OIML R-76, cl.no. B.3.5
11	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	Repeatability test	OIML R-76 ,cl. no. A.4.10.
12	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	SPAN STABILITY TEST	OIML R-76,cl.no. B.4
13	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	TARE TEST	OIML R-76 ,cl. no. A.4.6.1

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Certificate Number TC-9295 **Page No** 2 of 3

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14	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	Temperature effect on no load indication	OIML R-76, cl. no. A.5.3.1
15	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	TILTING TEST	OIML R-76, cl. no. A.5.1
16	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	VOLTAGE VARIATION TEST	OIML R-76 ,cl.no. A.5.4
17	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	WARM UP TIME TEST	OIML R-76 , cl.no. A.5.2
18	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	Weighing Performance	OIML R-76 ,cl. no. A.4.4 & A.5.3.1
19	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	ZERO RETURN TEST	OIML R-76 , cl.no.A.4.11.2
20	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	WATER METER	STATIC PRESSURE TEST	OIML R-49 , cl. 6.2
21	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	WATER METER	WATER TEMPERATURE TEST	OIML R-49 ,cl.no. 6.4
22	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	WATER METER	ENDURANCE TEST	OIML R-49
23	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	WATER METER	FLOW DISTURBANCE TEST	OIML R-49 , cl. no. 6.8
24	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	WATER METER	INTRINSIC ERROR	OIML R-49 ,cl no. 6.3
25	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	WATER METER	METER CHARACTERISTIC AT ZERO FLOW RATE	OIML R-49
26	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	WATER METER	REVERSE FLOW TEST	OIML R-49 , cl. no. 6.6
27	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	WATER METER	SIGN OF ERROR (OF INDICATION)	OIML R-49

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28	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	WATER METER	WATER PRESSURE TEST	OIML R-49 , cl. no. 6.5