National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : RACHANA CORPORATION (CALIBRATION DIVISION), PLOT 18, SIDDHARTH NAGAR, BHANWARKUA SQUARE, INDORE, INDORE, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-4586 **Page No** 1 of 6

Validity 26/11/2025 to 25/11/2029 **Last Amended on** -

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
Permanent Facility					
1	MECHANICAL-WEIGHTS	Accuracy Class E2 and Coarser	Using E1 Class Weights and Weighing Balance (Readability: 0.001 mg) by Substitution Method (ABBA Cycle) as per OIML R-111	100 mg	0.0022 mg
2	MECHANICAL-WEIGHTS	Accuracy Class E2 and Coarser	Using E1 Class Weights and Weighing Balance (Readability: 0.001 mg) by Substitution Method (ABBA Cycle) as per OIML R-111	2 g	0.0063 mg
3	MECHANICAL-WEIGHTS	Accuracy Class E2 and Coarser	Using E1 Class Weights and Weighing Balance (Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R-111	200 g	0.050 mg
4	MECHANICAL-WEIGHTS	Accuracy Class E2 and Coarser	Using E1 Class Weights and Weighing Balance (Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R-111	50 g	0.020 mg

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5	MECHANICAL-WEIGHTS	Accuracy Class E2 and Coarser	Using E1 Class Weights and Weighing Balance (Readability: 0.001 mg) by Substitution Method (ABBA Cycle) as per OIML R-111	500 mg	0.0028 mg
6	MECHANICAL-WEIGHTS	Accuracy Class E2 and Coarser	Using E1 Class Weights and Weighing Balance (Readability: 0.001 mg) by Substitution Method (ABBA Cycle) as per OIML R-111	1 g	0.0063 mg
7	MECHANICAL-WEIGHTS	Accuracy Class E2 and Coarser	Using E1 Class Weights and Weighing Balance (Readability: 0.1 mg) by Substitution Method (ABBA Cycle) as per OIML R-111	1 kg	0.22 mg
8	MECHANICAL-WEIGHTS	Accuracy Class E2 and Coarser	Using E1 Class Weights and Weighing Balance (Readability: 0.001 mg) by Substitution Method (ABBA Cycle) as per OIML R-111	1 mg	0.002 mg

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9	MECHANICAL-WEIGHTS	Accuracy Class E2 and Coarser	Using E1 Class Weights and Weighing Balance (Readability: 0.001 mg) by Substitution Method (ABBA Cycle) as per OIML R-111	10 g	0.020 mg
10	MECHANICAL-WEIGHTS	Accuracy Class E2 and Coarser	Using E1 Class Weights and Weighing Balance (Readability: 0.001 mg) by Substitution Method (ABBA Cycle) as per OIML R-111	10 mg	0.002 mg
11	MECHANICAL-WEIGHTS	Accuracy Class E2 and Coarser	Using E1 Class Weights and Weighing Balance (Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R-111	100 g	0.026 mg
12	MECHANICAL-WEIGHTS	Accuracy Class E2 and Coarser	Using E1 Class Weights and Weighing Balance (Readability: 1 mg) by Substitution Method (ABBA Cycle) as per OIML R-111	2 kg	1 mg

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13	MECHANICAL-WEIGHTS	Accuracy Class E2 and Coarser	Using E1 Class Weights and Weighing Balance (Readability: 0.001 mg) by Substitution Method (ABBA Cycle) as per OIML R-111	2 mg	0.002 mg
14	MECHANICAL-WEIGHTS	Accuracy Class E2 and Coarser	Using E1 Class Weights and Weighing Balance (Readability: 0.001 mg) by Substitution Method (ABBA Cycle) as per OIML R-111	20 g	0.020 mg
15	MECHANICAL-WEIGHTS	Accuracy Class E2 and Coarser	Using E1 Class Weights and Weighing Balance (Readability: 0.001 mg) by Substitution Method (ABBA Cycle) as per OIML R-111	20 mg	0.002 mg
16	MECHANICAL-WEIGHTS	Accuracy Class E2 and Coarser	Using E1 Class Weights and Weighing Balance (Readability: 0.001 mg) by Substitution Method (ABBA Cycle) as per OIML R-111	200 mg	0.0027 mg

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17	MECHANICAL-WEIGHTS	Accuracy Class E2 and Coarser	Using E1 Class Weights and Weighing Balance (Readability: 0.001 mg) by Substitution Method (ABBA Cycle) as per OIML R-111	5 g	0.0063 mg
18	MECHANICAL-WEIGHTS	Accuracy Class E2 and Coarser	Using E1 Class Weights and Weighing Balance (Readability: 0.001 mg) by Substitution Method (ABBA Cycle) as per OIML R-111	5 mg	0.002 mg
19	MECHANICAL-WEIGHTS	Accuracy Class E2 and Coarser	Using E1 Class Weights and Weighing Balance (Readability: 0.001 mg) by Substitution Method (ABBA Cycle) as per OIML R-111	50 mg	0.0021 mg
20	MECHANICAL-WEIGHTS	Accuracy Class E2 and Coarser	Using E1 Class Weights and Weighing Balance (Readability: 0.1 mg) by Substitution Method (ABBA Cycle) as per OIML R-111	500 g	0.19 mg

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21	MECHANICAL-WEIGHTS	Accuracy Class F1 and Coarser	Using E2 Class Weights and Weighing Balance (Readability: 10 mg) by Substitution Method (ABBA Cycle) as per OIML R-111	10 kg	10.5 mg
22	MECHANICAL-WEIGHTS	Accuracy Class F1 and Coarser	Using E2 Class Weights and Weighing Balance (Readability: 10 mg) by Substitution Method (ABBA Cycle) as per OIML R-111	20 kg	18.5 mg
23	MECHANICAL-WEIGHTS	Accuracy Class F1 and Coarser	Using E2 Class Weights and Weighing Balance (Readability: 1 mg) by Substitution Method (ABBA Cycle) as per OIML R-111	5 kg	1.5 mg
24	MECHANICAL-WEIGHTS	Accuracy Class F2 and Coarser	Using F1 Class Weights and Weighing Balance (Readability: 100 mg) by Substitution Method (ABBA Cycle) as per OIML R-111	50 kg	111 mg

*** CMCs represent expanded uncertainties expressed at approximately the 95% level of confidence, using a coverage factor of k = 2.**