

Laboratory Name:

M.M.D. KANTAWALA LLP CALIBRATION LABORATORY

A/17, MOHAN ESTATE, KHOKHRA, AHMEDABAD – 380008 GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC – 2346

Page No

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Validity

07/10/2024 to 17/08/2026

Last Amended on

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability ($\pm$)	Remarks
<u>Mechanical Calibration</u>				
I. <u>Weights</u>^s				
1.	Mass - Weights for Calibration E1 Class Weights and Coarser.	1 mg	0.0008 mg	Using E1 Class Weights & Mass Comparator (readability: 0.0001 mg up to Capacity of 6.1 g) by Substitution Method (ABBA Cycle) as per OIML R 111 – 1: 2004
2.		2 mg	0.0007 mg	
3.		5 mg	0.0008 mg	
4.		10 mg	0.0007 mg	
5.		20 mg	0.0007 mg	
6.		50 mg	0.0008 mg	
7.		100 mg	0.0009 mg	
8.		200 mg	0.0012 mg	
9.		500 mg.	0.0012 mg	
10.		1 g	0.0017 mg	
11.		2 g	0.0023 mg	
12.		5 g	0.0031 mg	Using E1 Class Weights & Mass Comparator (readability: 0.001 mg up to Capacity of 111 g) by Substitution Method (ABBA Cycle) as per OIML R 111 – 1: 2004
13.		10 g	0.0043 mg	
14.		20 g	0.0056 mg	
15.		50 g	0.009 mg	
16.		100 g	0.015 mg	Using E1 Class Weights & Mass Comparator (readability: 0.01 mg up to Capacity of 610 g) by Substitution Method (ABBA Cycle) as per OIML R 111 – 1: 2004
17.		200 g	0.03 mg	
18.		500 g	0.06 mg	Using E1 Class Weights & Mass Comparator (readability: 0.1 mg up to Capacity of 2.3 kg) by Substitution Method (ABBA Cycle) as per OIML R 111 – 1: 2004
19.		1 kg	0.15 mg	
20.		2 kg	0.31 mg	

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Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability ($\pm$)	Remarks
21.	Mass - Weights for Calibration E2 Class Weights and Coarser.	5 kg	1.3 mg	Using E1 Class Weights & Weighing Balance (readability: 1 mg up to Capacity of 10.1 kg) by Substitution Method (ABBA Cycle) as per OIML R 111 – 1: 2004
22.		10 kg	2.1 mg	
23.	Mass - Weights for Calibration E2 Class Weights and Coarser.	20 kg	8 mg	Using E1 Class Weights & Mass Comparator (readability: 5 mg up to Capacity of 64.1 kg) by Substitution Method (ABBA Cycle) as per OIML R 111 – 1: 2004
24.	Mass - Weights for Calibration E2 Class Weights and Coarser.	50 kg	11 mg	Using E1 Class Weights & Mass Comparator (readability: 5 mg up to Capacity of 64.1 kg) by Substitution Method (ABBA Cycle) as per OIML R 111 – 1: 2004