

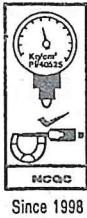
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NATIONAL CENTRE FOR QUALITY CALIBRATION

4, Abhishree Corporate Park, Nr. Swagat Bungalows BRTS, Iskcon-Ambli Road, Ambli, Ahmedabad-380 058
Ph. +91-79-29795322, 29795323 • Fax : +91-79-29795323, Cell No. +91-9327017517, +91-9328616370
E-mail : ncqc@calibrationlaboratory.in, • calibrationlab.ncqc@gmail.com



CC-2128



Visit our Web Site : www.calibrationlaboratory.in

Precision Calibration with National / International Traceability for Temperature, Dimensional, Pressure, Vacuum, Time, Mass, Electrical, Noise, Airflow, Lux & all Special Purpose Instruments in all ranges.

Calibration Certificate

F/CR/M/63/01 Issue No.03

Name of Customer: National Centre for Quality Calibration
Certificate No.: NCQC-M/200223/003
Date of Issue: 20/02/2023
Date of Calibration: 20/02/2023
Suggested Due Date: 19/02/2024
Date of Receipt / Ref.No.: 20/02/2023

ULR No. : CC21282300000757F
Discipline : Mechanical Calibration
Mass and Volume

Details of Observation of Unit Under Calibration
Identification No. : NCQC/M - 48
Serial No. : ===
Name of Instrument : Weight Box

Range: 0.001 to 200 g
Make / Model: Weigh India/===
Visual Inspection Accuracy: OK E2 Class

Loc. of Calibration: At Laboratory
Environment Cond.: 25 ± 1 °C, 40 to 60% Rh, 1000 ± 15 hPa
Std. Ref. Used: OIML R 111 - 1
Cali.Method No.: NCQC/CM/M/063

Master Instruments Detail

Table with 7 columns: NCQC SYS.NO., Nomenclature, Make/ Model, Id / Serial No., Traceable To, Certificate No., Valid Upto

Table with 4 columns: Weights (Denomination), Type, Material, Assume density

Results of calibration

Table with 6 columns: Serial No., Denomination (UUC) in g., Mass Value in g., Deviation in g., Expanded Uncertainty in mg. (k =2), Status

Calibrated By: [Signature]
Valid up to: 19-02-2024
Reviewed: [Signature]

Traceable To National / International Standards.
Himanshu Parbadiya
Calibration Engineer
Reviewed & Approved By

[Signature] Jigar Panchal
Calibration Incharge

NCQC System Certificate No. 36



Since 1998

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Calibration Certificate

F/CR/M/O63/01 Issue No.03

Name of Customer National Centre for Quality Calibration 4, Abhishree Corporate Park, Nr. Swagat Bungalows BRTS, Iskcon – Ambli Road, Ambli, Ahmedabad – 380 058, Gujarat	Certificate No. NCQC-M/200223/003	
	Date of Issue 20/02/2023	
	Date of Calibration 20/02/2023	
	Suggested Due Date 19/02/2024	
Date of Receipt / Ref.No.: 20/02/2023		

ULR No. : CC212823000000757F	Discipline : Mechanical Calibration Mass and Volume
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Details of Observation of Unit Under Calibration	Identification No. : NCQC/M – 48 Serial No. : === Name of Instrument : Weight Box
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Results of calibration

Sr. No.	Denomination (UUC) in g.	Mass Value in g.	Deviation in g.	Expanded Uncertainty in mg. (k =2)	Status
13	1	1.000004	0.000004	0.0040	E2
14	2	1.999984	-0.000016	0.0041	E2
15	* 2	1.999989	-0.000011	0.0042	E2
16	5	4.999964	-0.000036	0.0060	E2
17	10	9.999979	-0.000021	0.0070	E2
18	20	19.999972	-0.000028	0.0095	E2
19	* 20	19.999997	-0.000003	0.0094	E2
20	50	49.99994	-0.00006	0.0200	E2
21	100	100.00007	0.00007	0.0258	E2
22	200	199.99978	-0.00022	0.0600	E2
23	* 200	199.99980	-0.00020	0.0600	E2

Remarks:

- Mass values of all the weights are conventional mass values and within the maximum errors permissible in "E2" Accuracy Class of weights as per OIML R 111-1.
- Average of three cycles readings are reported.
- Weights are calibrated for scientific or industrial purpose only.
- These results are obtained at the time of calibration.
- Suggested due date is given based on customer requirements.
- Change in temperature and relative humidity during the calibration were less than ± 0.7 °C per hour and $\pm 10\%$ Rh per 4 hours respectively.
- Calibration is performed on the mass comparator against standards mass by comparison method under controlled conditions (ABBA Method).
- Corrected mass value is calculated based on ABBA method.
- Condition of instrument found satisfactory during receipt.
- Any hand written corrections (except @) or photocopies of the report invalidates this certificate.
- The uncertainties are for a confidence probability of not less than 95% with coverage factor k = 2.
- Our masters are directly calibrated through NABL accredited calibration laboratory having direct traceability with National / international standard.

Traceable To National / International Standards.	
Calibrated By Himanshu Parbadiya Calibration Engineer	Reviewed & Approved By Jigar Panchal Calibration Incharge