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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

Visit our Web Site : www.calibrationlaboratory.in



Since 1998



CC-2128

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/064/01 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/210223/004	Date of Issue 22/02/2023 Date of Calibration 21/02/2023 Suggested Due Date 20/02/2024 Date of Receipt / Ref.No.: 21/02/2023
	Date of Issue 22/02/2023	
	Date of Calibration 21/02/2023	
	Suggested Due Date 20/02/2024	

ULR No. : CC21282300000787F	Discipline : Mechanical Calibration Mass and Volume
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Details of Observation of Unit Under Calibration	Identification No. : NCQC/M – 46
	Serial No. : P – 13 – 839
	Name of Instrument : Digital Weighing Balance

Range	0.05 to 60 kg	Initial Error	Nil
Resolution	0.001 kg	Visual Inspection	Ok
Make / Model	Scale-Tec/CWS	Accuracy	Class III
Location	Mass Laboratory		

Loc. of Calibration	At Laboratory	Std. Ref. Used	OIML R 76
Environment Cond.	25 ± 1°C, 40 to 60 % Rh	Cali.Method No.	NCQC/CM/M/064

Master Instruments Detail

NCQC SYS.NO.	Nomenclature	Make/ Model	Id / Serial No.	Traceable To	Certificate No.	Valid Upto
262	Reference Weight box (E1 class)	Weightronics / =====	NCQC/M – 47 / NCQC/MM/E1/04	CC-2346	MMD/150321/01	14/03/2024
357	Weight (E1 Class)	M.M.D / =====	NCQC/M – 166 / ===	CC-2346	MMD/200822/01	19/08/2025
358	Weight (E1 Class)	M.M.D / =====	NCQC/M – 167 / ===	CC-2346	MMD/200822/02	19/08/2025
359	Weight (E1 Class)	Weightronics / =====	NCQC/M – 170 / ===	CC-2346	MMD/200822/03	19/08/2025
145	Weights (E2 Class)	Weightronics / =====	NCQC/M – 52 & 53 / =====	CC-2743	WMCL/E/2022-01/16 32	07/01/2025
360	Weights (E2 Class)	Weightronics / =====	NCQC/M – 168	CC-2346	MMD/200822/04	19/08/2024
360/1	Weights (E2 Class)	Weightronics / =====	NCQC/M-169	CC-2346	MMD/200822/05	19/08/2024

NCQC
Valid up to 20-02-2024
Reviewed *[Signature]*

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

NCQC System Certificate No. 76



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F/CR/M/064/01 Issue No.0:

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/210223/004	Date of Issue 22/02/2023 Date of Calibration 21/02/2023 Suggested Due Date 20/02/2024
	Date of Receipt / Ref.No.: 21/02/2023	

ULR No. : CC212823000000787F Discipline : Mechanical Calibration
Mass and Volume

Details of Observation of Unit Under Calibration

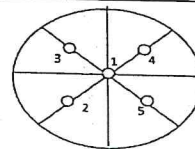
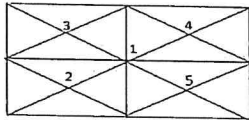
Identification No. : NCQC/M – 46
 Serial No. : P – 13 – 839
 Name of Instrument : Digital Weighing Balance

Linearity Test

Standard Weights Put up in kg.	Readings Observed By UUC in kg.	Absolute Error in kg.	Expanded Uncertainty in g. (k =2) ±
0.05000019	0.050	0.00000019	0.680
0.100000026	0.100	0.000000026	0.731
0.199999995	0.200	0.000000005	0.731
0.500000012	0.500	0.000000012	0.731
1.00000003	1.000	0.00000003	0.731
2.00000001	2.000	0.00000001	0.731
4.9999995	5.000	0.00000005	0.731
9.99999	10.001	0.00101	0.920
20.000005	20.001	0.000995	1.376
50.000025	50.001	0.000975	1.361
60.000015	60.001	0.000985	1.412
			1.464

Eccentricity Test

Standard Weights Put up in kg.	Centre	Front Left	Back Left	Back Right	Front Right	Centre	Average of Center – Max Deviation of Corner
20.000005	20.001	20.001	20.001	20.001	20.001	20.001	0.0000



Calibrated By

Traceable To National / International Standards.

Himanshu Parbadiya
Calibration Engineer

Reviewed & Approved By

Jigar Panchal
Calibration Incharge

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F/CR/M/ O64/01 Issue No.03

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Details of Observation of Unit Under Calibration
Identification No. : NCQC/M – 46
Serial No. : P – 13 – 839
Name of Instrument : Digital Weighing Balance

Repeatability Test @ 29.999995 kg (Half Load)

1	2	3	4	5	6	7	8	9	10	Repeatability
30.000	30.001	30.000	30.001	30.000	30.000	30.001	30.001	30.000	30.001	0.00053

Repeatability Test @ 60.000015 kg (Full Load)

1	2	3	4	5	6	7	8	9	10	Repeatability
60.001	60.001	60.001	60.000	59.999	59.999	60.001	60.000	60.001	60.000	0.00082

Remarks :

- Averages of Minimum three Readings are reported.
- Suggested date is given based on customer requirements.
- These results are obtained at the time of calibration.
- Any hand written corrections (except @ marked) 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.
- Weighing balance is calibrated for scientific or industrial purpose only.
- Our masters are directly calibrated through NABL accredited calibration lab 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