



Since 1998

NATIONAL CENTRE FOR QUALITY CALIBRATION

4, Abhishree Corporate Park, Nr. Swagat Bungalows BRTS, Iskcon-Ambli Road, Ambli, Ahmedabad-380 058
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CC-2128

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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/071 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/210322/013
	Date of Issue	22/03/2022
	Date of Calibration	21/03/2022
	Suggested Due Date	20/03/2023
Date of Receipt / Ref.No.: 21/03/2022		

ULR No. : CC21282200001141F	Discipline : Mechanical Calibration Acoustic
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Details of Observation of Unit Under Calibration	Identification No. : NCQC/M-26
	Serial No. : I.151193
	Name of Instrument : Sound Level Meter

Range	30-80 dB, 50-100 dB & 80-130 dB	Visual Inspection Accuracy	OK ± 1.4 dB @1 kHz
Resolution	0.1 dB		
Make / Model	Lutron/SL-4010		
Location	Laboratory		

Loc. of Calibration	At Laboratory	Std. Ref. Used	IS 15575, Part-1 & Part-2 & as per claus
Environment Cond.	25 ± 2°C, 40 to 60% Rh	Cali.Method No.	NCQC/CM/M/071

Master Instruments Detail

NCQC SYS.NO.	Nomenclature	Make/ Model	Id / Serial No.	Traceable To	Certificate No.	Valid Upto
68	Sound Level Calibrator	Delta Ohm / HD2020	NCQC/M-27 / 11001188	CC-2287	CC/ECL/1930/21-22	07/03/2023

Calibration Results

Range OF UUC In dB	Input Sound given by sound level calibrator @ 1 kHz in dB	Reading Observed by UUC in dB	Absolute Error	Expanded Uncertainty in dB (k =2) ±
50 - 100 dB	93.4	93.8	0.4	0.56
80 - 130 dB	93.4	93.9	0.5	0.56
	113.2	114.3	1.1	0.56

Remarks:

- Averages of minimum five readings are reported.
- Suggested due date is given based on customer requirements
- Condition of instrument found satisfactory during receipt.
- These results are obtained at the time of calibration.
- 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	Arif Shaikh Calibration Engineer	Reviewed & Approved By	Arif Shaikh Calibration Incharge
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