



# NATIONAL CENTRE FOR QUALITY CALIBRATION

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

**TRUE COPY**

Name of Customer → <b>National Centre For Quality Calibration</b> 4, Abhishree Corporate Park, Near Swagat Bungalows BRTS, Iskcon – Ambli Road, Ambli, Ahmedabad – 380 058, Gujarat.	Certificate No.	NCQC-M/080321/01
	Date of Issue	08-03-2021
	Date of Calibration	08-03-2021
	Suggested Due Date	07-03-2022

Date Of Receipt / Ref. No. → 08-03-2021	F/CR/M/071, Issue No.01 Page 1 of 1
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ULR – CC21282110000030F	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	OK
Resolution	0.1 dB	Make / Model	Lutron/SL-4010
Accuracy	± 1.4 dB @1 kHz	Initial error	Nil

Range OF UUC In dB	Input Sound given by sound level calibrator @ 1 kHz in dB	Reading Observed by UUC In dB	Absolute error In dB	Expanded Uncertainty (k=2)
50 - 100 dB	94.2	94.3	0.1	± 0.5 dB
80 - 130 dB	94.2	94.4	0.2	± 0.5 dB
	114.1	114.3	0.2	± 0.5 dB

**Remarks:**

- ↪ Averages of minimum 5 readings are reported hence.
- ↪ Suggested due date is given based on customer requirements.
- ↪ These results are obtained at the time of calibration.
- ↪ Any hand written corrections (except @) or photocopies in the report invalidates this certificate.
- ↪ Environment condition during calibration: 25 ± 2°C, 40 to 60% Rh.
- ↪ Uncertainty of measurement at 95% confidence level at coverage factor k = 2.
- ↪ Condition of instrument found satisfactory during receipt.
- ↪ Reference calibration method no.: NCQC/CM/M/071.
- ↪ Location of Performance of Calibration → At Lab
- ↪ Reference standard no.: IS 15575, Part-1 & Part-2
- ↪ Our masters are directly calibrated through NABL accredited calibration laboratory having direct traceability with national / international standard

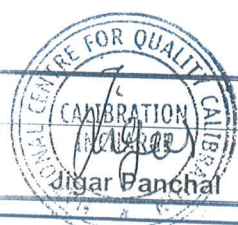
### Details of Master Instrument Used for Calibration

Nomenclature	Make / Model	Id. No. / Sr. No.	Calibration Due Date
Sound Level Calibrator	Delta Ohm/HD2020	NCQC/M-27 / 11001188	24-02-2022
NCQC System Certificate No.	Certificate No. & Traceability of Master with National Standards		
68	↪ Our master Sound Level calibrator is calibrated and traceable to National Standard through IDEMI, Mumbai Certificate No. CC/ECL/1527/20-21, Date – 25-02-2021.		

NCQC System Certificate No. 80

Traceable To National / International Standards.

Calibrated By		Arif Shaikh	Reviewed and Approved By		Jigar Panchal
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NCQC DEFINES CALIBRATION AS "PRECISION AND RELIABILITY OF INSTRUMENTS FOR YOUR BETTER TOMORROW"