



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

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/150323/001 | Date of Issue 15/03/2023 Date of Calibration 15/03/2023 Suggested Due Date 14/03/2024 Date of Receipt / Ref.No.: 15/03/2023 |
| | ULR No. : CC21282300000983F | |

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| 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 |
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|--|---|
| Range 30–80 dB, 50–100 dB & 80–130 dB Resolution 0.1 dB Make / Model Lutron/SL-4010 Location Laboratory | Visual Inspection Accuracy OK $\pm 1.4 \text{ dB @ } 1 \text{ kHz}$ |
| Loc. of Calibration At Laboratory Environment Cond. 25 \pm 2°C, 40 to 60% Rh | Std. Ref. Used IS 15575, Part-1 & Part-2 & as per clause 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/1826/22-23 | 23/02/2024 |

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) \pm |
|--------------------|---|-------------------------------|----------------|--|
| 50 - 100 dB | 94.0 | 93.8 | 0.2 | 0.56 |
| 80 - 130 dB | 94.0 | 93.7 | 0.3 | 0.56 |
| | 113.8 | 114.2 | 0.4 | 0.56 |

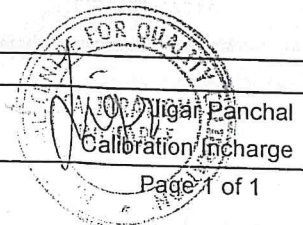
Remarks:

- 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.

NCQC
 Valid up to 14-03-2024
 Reviewed *Jugis*

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|---|--|
| Traceable To National / International Standards. | |
| Calibrated By Maulik Rathod Calibration Engineer | Reviewed & Approved By Nigam Panchal Calibration Incharge |

NCQC System Certificate No. _____



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