



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



CC-2128

Since 1998

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

Name of Customer → National Centre For Quality Calibration 4, Abhishree Corporate Park, Nr. Swagat Banglows, BRTS, Iskcon – Ambli Road, Ambli, Ahmedabad. – 380058.	Certificate No.	NCQC-E/051020/01
	Date of Issue	12-10-2020
	Date of Calibration	05-10 to 10-10-2020
	Suggested Due Date	09-10-2021

Date Of Receipt / Ref. No. → 05-10-2020

F/CR/E/024/02, Issue No.02
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ULR – CC212820100000103F

Discipline → **Electro Technical Calibration,**
Time & Frequency

Details of Observation of Unit Under Calibration

Identification No. : **NCQC/DTSC-01**
 Serial No. : **=====**
 Name of Instrument : **Digital Timer / Stopwatch Calibrator**

Unit Range	Sec 0 – 24 Hours	Initial Error Visual Inspection	Nil O.K	Nos. of Attempts Make Model	One Digital Instrumentation ==
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Calibration Results

Set Point On UUC in second	Reading Observed by Timer Calibrator in Second	Absolute Error in second	(±) Expanded Uncertainty (k=2)
1.000	1.000	0.000	0.01 sec
60.000	60.000	0.000	0.06 sec
900.000	900.000	0.000	0.60 sec
1800.000	1800.000	0.000	0.63 sec
3600.000	3600.000	0.000	1.51 sec
43200.000	43199.999	0.001	5.00 sec
86400.000	86399.998	0.002	24.16 sec

Remarks:

- Averages of minimum three readings are reported.
- 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 ± 4°C, 30 to 75% Rh.
- Uncertainty of measurement at 95% confidence level at coverage factor k = 2.
- Location of Performance of Calibration → At Lab.
- Reference calibration method no.: NCQC/CM/E/024.
- Reference Standard no.: NIST 960-12.
- 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
Digital Timer / Stopwatch Calibrator	Digital Instrumentation / =====	NCQC/E-29 / DITC - 080519	06-12-2020

NCQC System Certificate No.

Certificate No. & Traceability of Master with National Standards

374

→ Our Master Digital Timer / Stopwatch Calibrator is calibrated and traceable to National Standard through NABL Accredited Lab. IDEMI – Mumbai, Certificate no. CC/ECL/1545/19-20, Date-30-11 to 07-12-2019.

NCQC System Certificate No. **374/1**

Traceable To National / International Standards.

Calibrated By

Trupen Parmar

Reviewed & Approved By

Hitesh Limbachiya

NCQC DEFINES CALIBRATION AS "PRECISION AND RELIABILITY OF INSTRUMENTS FOR YOUR BETTER TOMORROW"