NCQC LABORATORY LLP

4, Abhishree Corporate Park, Nr. Swagat Bunglow 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 • LLP IN : ACH-9094 / GSTIN : 24AAWFN8511B1Z9

CC-2128

Precision Calibration Centre 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 → **NCQC Laboratory LLP.** 4, Abhishree Corporate Park, Nr. Swagat Banglows, BRTS, Iskon – Ambli Road, Ambli, Ahmedabad. – 380058.	Certificate No. Date of Issue Date of Calibration Suggested Due Date	NCQC-M/060825/006 07-08-2025 06-08-2025 05-08-2026
Date Of Receipt / Ref. No.→ 06-08-2025	F/CR/M/031, Issue No.01 Page 1 of 3	
ULR – CC212825000003492F	**Discipline → Mechanical Calibration,** Dimension (Basic-Measuring Instrument, Gauges etc.)	
Details of Observation of Unit Under Calibration	Identification No. : **NCQC/M–113** Serial No. : **9965** Name of Instrument : **Granite Surface Plate**	

Size Total Division in no. Of Raw Total Division in no. Of Column	1000 x 630 mm 6 10	Visual Inspection Make Accuracy Location	Satisfactory Micro-Flat Grade "0" Mechanical Lab. – 1

Results of Calibration

Parameter to be checked	Permissible Values	Observed Values
Flatness	6.0 µm	5.4 µm

Remarks:

- 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: 20 ± 2°C, 40 to 60 % RH.
- Average temperature → 20.4 °C and average humidity 48.1 % RH during calibration of instruments.
- Uncertainty of measurement at 95% confidence level is ± 4.0 µm at coverage factor k = 2.
- No external provider was used for calibration and hence it is not applicable.
- Result relates to the item calibrated only.
- Calibration certificate shall not be reproduced except in full without written approval of Director, NCQC
- Location of performance of calibration → At Lab.
- Reference calibration method no.: NCQC/CM/M/031.
- Reference standard no.: IS 12937, IS 7327 & IS 2285
- 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
Electronic Level	Bagson / BDL-011	NCQC/M–116 / 133	01-06-2026

NCQC System Certificate No.	Certificate no. & Traceability of master with National Standards
266	→ Our master electronic level is calibrated and traceable to National Standard through NABL accredited Laboratory Tanson Instrument, Certificate No. TI/F/EL/001/25, Date – 02.06.2025.

NCQC System Certificate No. 14

Traceable To National / International Standards.

Calibrated By	Maulik Rathod	Reviewed by & Approved By	Jigar Panchal

LABORATORY MANAGER CALIBRATION INCHARGE

NCQC Laboratory LLP
4, Abhishree Corporate Park, Nr. Swagat Bungalows BRTS,
Iskcon – Ambli Road, Ambli, Ahmedabad – 380 058, Gujarat

SURFACE PLATE CALIBRATION

Report No.: NCQC-M/060825/006 **No. of Rows : 06**
Date: 06/08/2025 **No. of Columns: 10**

Measurement Readings Along Rows (Values are in Divisions)

	Col01	Col02	Col03	Col04	Col05	Col06	Col07	Col08	Col09	Col10
ROW01	0.0	0.0	-11.0	-13.0	-20.0	-23.0	-26.0	-21.0	-28.0	-25.0
ROW02	0.0	-22.0	-25.0	-28.0	-30.0	-30.0	-33.0	-23.0	-23.0	-29.0
ROW03	0.0	-17.0	-19.0	-21.0	-22.0	-19.0	-21.0	-16.0	-23.0	-21.0
ROW04	0.0	-20.0	-16.0	-22.0	-24.0	-29.0	-23.0	-26.0	-24.0	-23.0
ROW05	0.0	-20.0	-27.0	-20.0	-23.0	-31.0	-26.0	-29.0	-26.0	-27.0
ROW06	0.0	-30.0	-30.0	-32.0	-11.0	-10.0	-11.0	-39.0	-43.0	-42.0

Measurement Readings Across Rows (Values are in Divisions)

	Col01	Col02	Col03	Col04	Col05	Col06	Col07	Col08	Col09	Col10
ROW01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROW02	-35.0	-35.0	-37.0	-38.0	-36.0	-36.0	-40.0	-38.0	-38.0	-38.0
ROW03	-25.0	-23.0	-22.0	-20.0	-26.0	-28.0	-34.0	-32.0	-26.0	-30.0
ROW04	-28.0	-28.0	-26.0	-31.0	-29.0	-37.0	-35.0	-33.0	-30.0	-29.0
ROW05	-29.0	-30.0	-25.0	-30.0	-36.0	-36.0	-34.0	-32.0	-22.0	-21.0
ROW06	-30.0	-28.0	-28.0	-28.0	-31.0	-32.0	-25.0	-24.0	-20.0	-16.0

Deviation From Regression Plane (Values are in µm)

	Col01	Col02	Col03	Col04	Col05	Col06	Col07	Col08	Col09	Col10
ROW01	-2.9	-0.6	0.4	1.4	1.7	1.7	1.4	1.7	1.2	1.0
ROW02	-2.9	-1.7	-1.2	-1.0	-1.1	-1.4	-2.3	-2.1	-2.3	-2.7
ROW03	-1.8	-0.2	0.3	1.0	1.0	1.1	0.6	1.3	1.3	1.1
ROW04	-1.0	0.2	1.2	1.6	1.6	0.8	0.3	0.5	0.7	0.5
ROW05	-0.4	0.8	1.5	1.7	1.5	0.6	0.0	0.2	0.8	0.4
ROW06	0.0	1.0	1.5	1.2	0.0	-1.3	-2.4	-2.7	-2.8	-3.7

Flatness : 5.4 micrometer

Maximum Deviation: 1.7 µm
Minimum Deviation : -3.7 µm

Calibrated By	Checked By
Maulik Rathod	Jigar Panchal

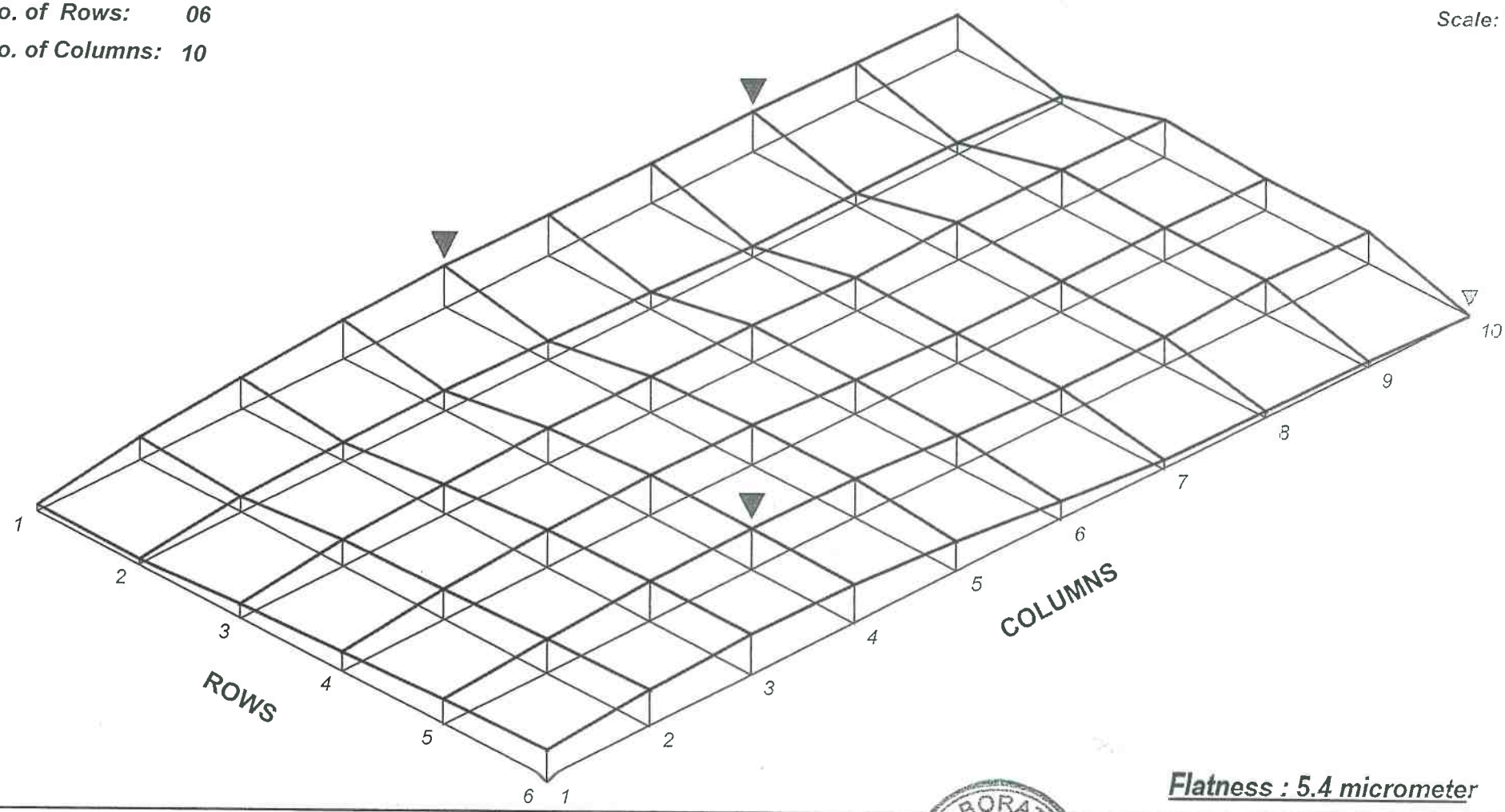
NCQC Laboratory LLP
4, Abhishree Corporate Park, Nr. Swagat Bungalows BRTS,
Iskcon – Ambli Road, Ambli, Ahmedabad – 380 058, Gujarat

SURFACE PLATE CALIBRATION

Report No.: NCQC-M/060825/006
Date: 06/08/2025

No. of Rows: 06
No. of Columns: 10

Scale: N T S



Flatness : 5.4 micrometer

Maximum Deviation: 1.7 µm
Minimum Deviation: -3.7 µm

Calibrated By	*Checked By*
Maulik Rathod	**Utgar Panchal**