



NCQC LABORATORY LLP

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CC-2128

Visit our Web Site : www.calibrationlaboratory.in • LLP IN : ACH-9094 / GSTIN : 24AAWFN8511B1 Z9

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

Name of Customer → NCQC Laboratory LLP. 4, Abhishree Corporate Park, Nr. Swagat Banglows, BRTS, Iskcon – Ambli Road, Ambli, Ahmedabad. – 380058.		Certificate No.	NCQC-M/28O824/001
		Date of Issue	28-08-2024
		Date of Calibration	28-08-2024
		Suggested Due Date	27-08-2025
Date Of Receipt / Ref. No. → 28-08-2024		F/CRM/031, Issue No.01 Page 1 of 3	
ULR – CC212824000006020F		Discipline → Mechanical Calibration, Dimension (Basic-Measuring Instrument, Gauges etc.)	
Details of Observation of Unit Under Calibration	Identification No. : NCQC/M – 09		
	Serial No. : 6543		
Name of Instrument : Granite Surface Plate			
Size	400 x 400 mm	Visual Inspection	Satisfactory
Total Division in no. Of Row	4	Make	Micro-Flat
Total Division in no. Of Column	4	Accuracy	Grade "0"
		Location	Calibration Lab
Results of Calibration			
Parameter to be checked	Permissible Values	Observed Values	
Flatness	4.5 µm	3.9 µm	
Remarks:			
<ul style="list-style-type: none"> ↘ Suggested due date is given based on customer requirements. ↘ These results are obtained at the time of calibration. ↘ Location of performance of calibration → At Lab. ↘ Any hand written corrections (except @) or photocopies in the report invalidates this certificate. ↘ Environment condition during calibration: 20 ± 5 °C, 40 to 60 % Rh. ↘ Average temperature → 20.2°C and average humidity → 50.2 % Rh during calibration of instruments. ↘ Uncertainty of measurement at 95% confidence level is ± 2.8 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 ↘ 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	07-06-2025
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/003/24, Date – 08.06.2024.		

NCQC System Certificate No. 08



Traceable To National / International Standards.	
Calibrated By 	Reviewed by & Approved By

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



National Centre for Quality Calibration
ISO/IEC 17025(NABL) Accredited Calibration Laboratory
902 to 904, Samudra Annexe, Off CG Road, Ahmedabad-380006

SURFACE PLATE CALIBRATION

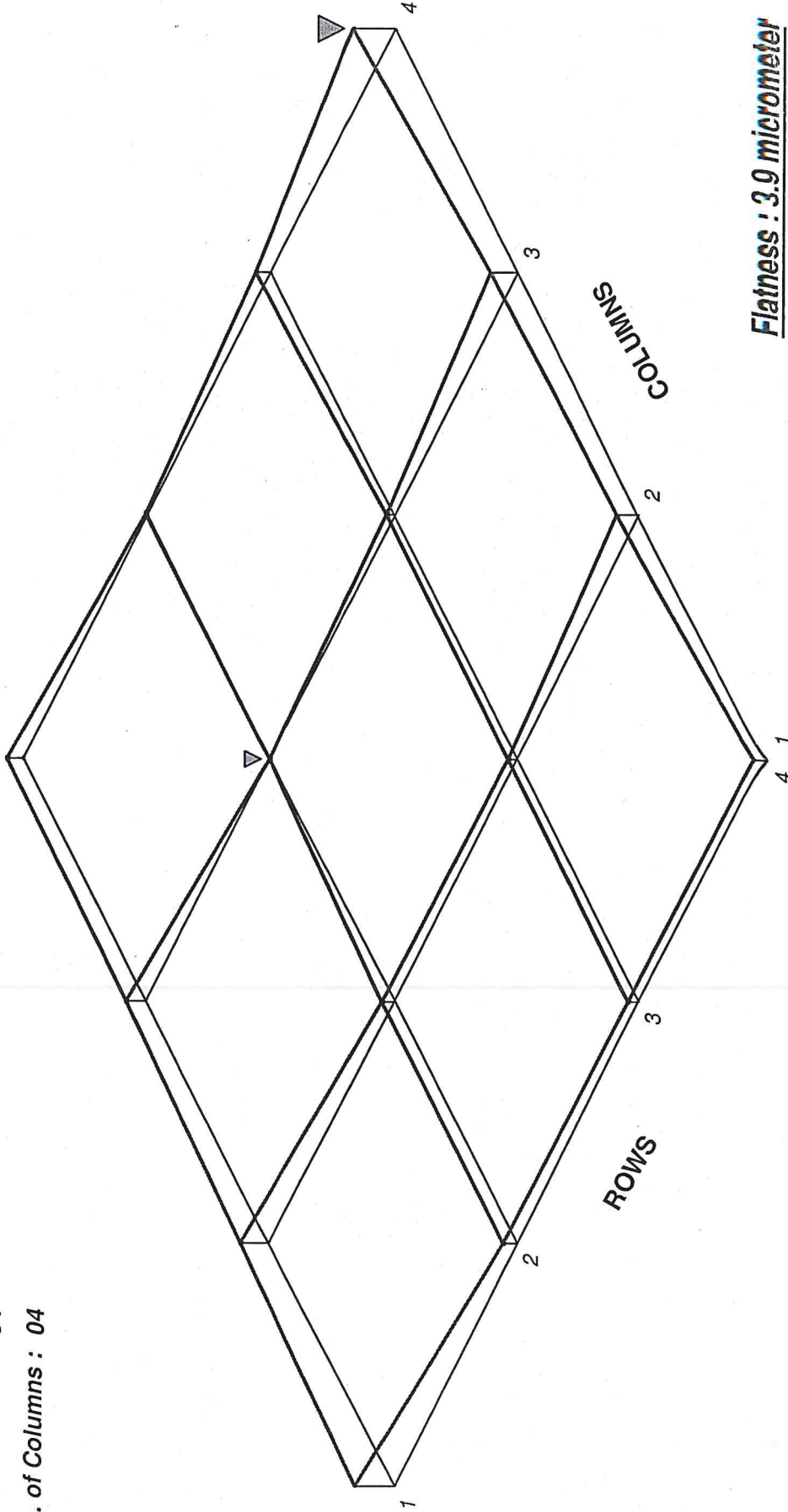
Report No. : NCQC-MO/280824/001

Date : 8/28/2024

No. of Rows : 04

No. of Columns : 04

Scale : N T S



Flatness : 3.9 micrometer

Maximum Deviation: 2.2 μ m
Minimum Deviation: -1.7 μ m

Calibrated By
M
Maulik Rathod

Checked By
Jigar Panchal
Jigar Panchal



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SURFACE PLATE CALIBRATION

Report No. : NCQC-MO/280824/001

Date : 8/28/2024

No. of Rows : 04
No. of Columns : 04

Measurement Readings Along Rows (Values are in Divisions)

	Col 01	Col 02	Col 03	Col 04
ROW01	0.0	0.0	3.0	8.0
ROW02	0.0	-5.0	-11.0	15.0
ROW03	0.0	-8.0	8.0	21.0
ROW04	0.0	15.0	18.0	23.0

Measurement Readings Across Rows (Values are in Divisions)

	Col 01	Col 02	Col 03	Col 04
ROW01	0.0	0.0	0.0	0.0
ROW02	-10.0	13.0	15.0	18.0
ROW03	11.0	16.0	18.0	23.0
ROW04	15.0	18.0	23.0	28.0

Deviation From Regression Plane (Values are in μm)

	Col 01	Col 02	Col 03	Col 04
ROW01	2.0	1.0	0.3	0.1
ROW02	-0.3	-0.4	-1.7	-1.4
ROW03	-0.7	-0.7	-0.9	-0.1
ROW04	-0.6	0.5	1.0	2.2

Flatness : 3.9 micrometer

Maximum Deviation : 2.2 μm

Minimum Deviation : -1.7 μm

Calibrated By

Maulik Rathod

Checked By

Jigar Panchal