



Vijay Instrument LLP
A-202 Arihant Supermarket, Opp SBI Lalbaug,
Manjalpur, Vadodara – 390011
Email: calibration@vijayenterprises.in
Contact: +91-7041380818



CC-2695

Calibration Certificate

TRUE COPY

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Certificate No	: VILLP/25-26/M-0692	Date of Calibration	: 21.06.2025
ULR No.	: CC269525000000692F	Recommended Due Date	: 21.06.2026
		Date of Issue	: 30.06.2025
Customer Details : NCQC Laboratory LLP 4, Abhishree Corporate Park, Nr. Swagat Bungalows BRTS, Opp. Shell Petrol Pump, Isckon-Bopal Road, Ambli, Ahmedabad – 380 058.		Calibrated at	: Mechanical Lab
		Discipline	: Mechanical Calibration
		Group	: Pressure Indicating Device
		SRF Date	: 21.06.2025
		Cond. On Receipt	: Satisfactory
		SRF No.	: VILLP/S-398/25-26
Test Instrument : Digital Pressure Gauge		Serial No.	: NVEM1806034
Model	: MGA N32-2	ID No.	: NCQC/M-146
Range	: 0 to 70 bar	Make	: Vijay Enterprises
Least Count	: 0.001 bar		
Accuracy	: +/- 0.05%FS		
Details of Standard Used : Dead Weight Pressure Tester (Dual Piston)		Sr. No./Certi.No.	: 71760 / GEC/NB/14148-P
Name/Make	: Fluke Calibration Phoenix	Range	: 1kg/cm2 to 55kg/cm2
Traceability	: Gatrada, Ahmedabad.		: 20kg/cm2 to 1100kg/cm2
		Valid Up to	: 27.11.2025
Work Instruction No : CP - 01		Standard Used	: DKD-R-6-1
			: ISO-GUM-1995
Environment Details			
Temperature : (23 +/- 1.5)°C		Relative Humidity : (40 - 70)%	

Remarks

- The reported Expanded Uncertainty is calculated at 95% C.L. with Coverage Factor $k=2$.
- Readings are taken in kg/cm2 (PRESSURE) & mmHg (VACUUM)
- CONVERSION :-
1 kg/cm2 = 0.98067 bar
1 mmHg = 0.00133 bar
- Test reading is corrected for Local gravity and temperature.
- Local gravity = 9.78763363 m/s² Uncertainty = 50 ppm

Calibrated By: Harshvardhan Kumar
Lab Engineer

Approved By:
Technical Manager / Siddharth Patil (CEO)

SIDDHARTH VIJAY PATIL
Digitally signed by
SIDDHARTH VIJAY PATIL
Date: 2025.06.30
14:01:43 +05'30'

NCQC System Certificate No. 299

NCQC LABORATORY LLP
Valid up to 21-06-2026
Signature



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ULR No. : CC269525000000692F

Calibration Results

Sr. No.	Standard DWT Read.	Test Reading						Mean Value	Deviation	Deviation Allowed +/-	Repeatability	Hysteresis	Uncertainty +/-
		Up	Down	Up	Down	Up	Down						
		bar	bar	bar	bar	bar	bar						
1	0.0000	0.000	0.000	0.000	0.000	0.000	0.000	0.0000	0.0000	0.0350	0.0000	0.0000	0.00129
2	8.8260	8.826	8.827	8.828	8.827	8.827	8.828	8.8272	0.0012	0.0350	0.0020	0.0010	0.00203
3	17.6521	17.654	17.653	17.654	17.655	17.653	17.653	17.6537	0.0016	0.0350	0.0020	0.0007	0.00240
4	26.4781	26.481	26.480	26.482	26.481	26.481	26.480	26.4808	0.0027	0.0350	0.0010	0.0010	0.00344
5	35.3041	35.307	35.308	35.307	35.308	35.309	35.308	35.3078	0.0037	0.0350	0.0020	0.0010	0.00459
6	45.1108	45.116	45.115	45.117	45.116	45.115	45.116	45.1158	0.0050	0.0350	0.0020	0.0010	0.00586
7	52.9562	52.962	52.961	52.961	52.962	52.963	52.962	52.9618	0.0056	0.0350	0.0020	0.0010	0.00688
8	62.7629	62.771	62.770	62.770	62.769	62.771	62.770	62.7702	0.0073	0.0350	0.0010	0.0010	0.00816
9	70.6082	70.617	70.616	70.618	70.617	70.618	70.617	70.6172	0.0090	0.0350	0.0010	0.0010	0.00918

All reading are taken in kg/cm2 at the time of calibration and converted to bar.

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Date: 2025.06.30
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Calibrated By: Harshvardhan Kumar
Lab Engineer

Approved By:
Technical Manager / Siddharth Patil (CEO)

Note :

- The above results are without any adjustment / repair.
- This certificate of above calibrated instrument should be use for scientific and industrial purpose only.
- Equipment used for calibration are calibrated & traceable to National & International Standards.
- The calibration results reported are valid at the time of and under stated conditions of the measurements.
- This certificate refers only to particular Items submitted for calibration. The certificate should not be reproduce expect full without the prior permission from CEO or Technical Manager.
- VILLP is not liable for any change in calibration data & performance specification on account of malfunctioning of Standards/Instruments/Equipment covered by this certificate due to damage caused to it after issuance of this certificate.

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