



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



CC-2695

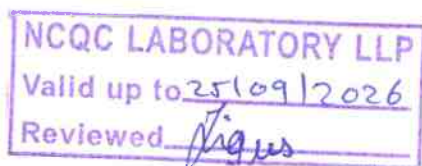
Calibration Certificate

TRUE COPY

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Certificate No	: VILLP/25-26/O-1197	Date of Calibration	: 25.09.2025
ULR No.	: CC269525000001197F	Recommended Due Date	: 25.09.2026
		Date of Issue	: 03.10.2025
Customer Details : NCQC Laboratory LLP 4, Abhishree Corporate Park, Near Swagat Bungalows BRTS, Iskcon-Ambli Road, Ambli, Ahmedabad – 380 058.		Calibrated at	: Mechanical Lab
		Discipline	: Mechanical Calibration
		Group	: Pressure Indicating Device
		SRF Date	: 25.09.2025
		Cond. On Receipt	: Satisfactory
		SRF No.	: VILLP/S-669/25-26
Test Instrument : Digital Pressure Gauge		Serial No.	: 3264808
Model	: DPI 104	ID No.	: NCQC/M-76
Range	: 0 to 70 bar	Make	: Druck
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
Pressure Media	: Hydraulic	Range	: 1kg/cm2 to 55kg/cm2
Name/Make	: Fluke Calibration Phoenix		: 20kg/cm2 to 1100kg/cm2
Traceability	: Gatrada, Ahmedabad.	Valid Up to	: 27.11.2025
Work Instruction No : CP - 01		Standard Used	: DKD-R-6-1 ISO/IEC GUIDE 98-3:2008(E)
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



NCQC System Certificate No. 66

SIDDHARTH VIJAY PATIL
Digitally signed by
SIDDHARTH VIJAY PATIL
Date: 2025.10.03
16:17:15 +05'30'

Calibrated By: Harshvardhan Kumar
Lab Engineer

Approved By:
Technical Manager / Siddharth Patil (CEO)



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Calibration Results

Sr. No.	Standard DWT Read.	Device Under Calibration (DUC) 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	7.3550	7.356	7.357	7.356	7.356	7.358	7.357	7.3567	0.0017	0.0350	0.0020	0.0007	0.00180
3	10.2970	10.301	10.300	10.300	10.299	10.299	10.300	10.2998	0.0028	0.0350	0.0020	0.0010	0.00210
4	20.1037	20.109	20.108	20.108	20.109	20.108	20.107	20.1082	0.0045	0.0350	0.0020	0.0010	0.00270
5	30.4008	30.407	30.406	30.406	30.405	30.405	30.406	30.4058	0.0050	0.0350	0.0020	0.0010	0.00395
6	41.1881	41.195	41.194	41.194	41.193	41.193	41.194	41.1938	0.0057	0.0350	0.0020	0.0010	0.00535
7	50.9948	51.002	51.003	51.003	51.002	51.002	51.001	51.0022	0.0074	0.0350	0.0020	0.0010	0.00663
8	60.8015	60.810	60.809	60.808	60.809	60.809	60.808	60.8088	0.0073	0.0350	0.0020	0.0010	0.00790
9	70.6082	70.615	70.617	70.617	70.616	70.617	70.616	70.6163	0.0081	0.0350	0.0020	0.0013	0.00918

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

SIDDHARTH VIJAY PATIL Digitally signed by
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16:17:28 +05'30'

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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