

TRUE COPY

Calibration Certificate

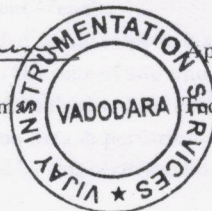
FF - 24		Page 1 of 2	
Certificate No	: VIS/22-23/O-712	Date of Calibration	: 26.07.2022
ULR No.	: CC26952200000712F	Recommended Due Date	: 26.07.2023
		Date of Issue	: 26.07.2022
Customer Details :	National Centre for Quality Calibration 4, Abhishree Corporate Park, Nr. Swagat Bungalows BRTS, Opp. Shell Petrol Pump, Isckon-Bopal Road, Ambli, Ahmedabad - 380 058.	Calibrated at	: Mechanical Lab
		Discipline	: Mechanical Calibration
		Group	: Pressure Indicating Device
		Receipt Date	: 26.07.2022
		Cond. On Receipt	: Satisfactory
		Receipt No	: VIS/S-393/22-23
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 : Hydraulic Dead Weight Tester		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 : *Harshwardhan Kumbhar* Approved By : *Vijay J. Patil*

Lab Engineer : Mr. Harshwardhan Kumbhar Technical Manager : Mr. Vijay J. Patil



NCQC System Certificate No. 66

NCQC
Valid up to 26/07/2023
Reviewed *[Signature]*



Vijay Instrumentation Services

Vijay Instrumentation Services

A-201 Arihant Supermarket, Opp SBI Lalbaug,

Manjalpur, Vadodara - 390011

Email: calibration@vijayenterprises.in

Contact: +91-7041380818 | 0265-2664870



CC-2695

Calibration Certificate

Certificate No: VIS/22-23/O-712

Page: 2 of 2

U.I.R No. : CC26952200000712F

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	0.0350	0.0000	0.0000	0.00129	
2	7.3550	7.358	7.357	7.359	7.358	7.357	7.357	7.3577	0.0027	0.0350	0.0020	0.00180	
3	10.2970	10.301	10.300	10.301	10.302	10.302	10.300	10.3010	0.0040	0.0350	0.0020	0.00237	
4	20.1037	20.109	20.110	20.109	20.108	20.110	20.109	20.1092	0.0055	0.0350	0.0020	0.00270	
5	30.4008	30.407	30.409	30.409	30.408	30.408	30.407	30.4080	0.0072	0.0350	0.0020	0.00395	
6	41.1881	41.195	41.197	41.197	41.196	41.196	41.197	41.1963	0.0082	0.0350	0.0020	0.00535	
7	50.9948	51.006	51.004	51.004	51.005	51.006	51.004	51.0048	0.0100	0.0350	0.0020	0.00663	
8	60.8015	60.813	60.812	60.814	60.812	60.813	60.812	60.8127	0.0112	0.0350	0.0010	0.00790	
9	70.6082	70.620	70.621	70.622	70.621	70.622	70.621	70.6212	0.0130	0.0350	0.0020	0.00918	

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

Calibrated By: *Harshwardhan Kumar*



Approved By: *W.P.J.*

Lab Engineer : Mr. Harshwardhan Kumar

Technical Manager : Mr. Vijay J. Patil

Note :

- The above results are without any adjustment / repair.
- 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.
- VIS is not liable for any change in calibration data & performance specification on account of malfunctioning of Standards/Instruments/Equipments covered by this certificate due to damage caused to it after issuance of this certificate.

---X--- END OF REPORT ---X---