



Calibration Certificate

FF-24		Page 1 of 2	
Certificate No : VIS/23-24/M-678	Date of Calibration : 27.06.2023	ULR No. : CC26952300000678F	Recommended Due Date : 27.06.2024
Customer Details : National Centre For Quality Calibration 4, Abhishree Corporate Park, Near Swagat Bungalows BRTS, Iskcon-Ambli Road, Ambli, Ahmedabad - 380 058, Gujarat, India.		Calibrated at : Mechanical Lab	Date of Issue : 05.07.2023
Test Instrument : Digital Pressure Gauge		Discipline : Mechanical Calibration	Group : Pressure Indicating Device
Model : MGA N32-2	Serial No. : NVEM1806034	Receipt Date : 27.06.2023	Cond. On Receipt : Satisfactory
Range : 0 to 70 bar	ID No. : NCQC/M-146	Receipt No : VIS/S-373/23-24	
Least Count : 0.001 bar	Make : Vijay Enterprises		
Accuracy : +/-0.05 %FS			
Details of Standard Used : Hydraulic Dead Weight Tester		Sr. No./Certi.No. : 71760 / GEC/NB/14148-P	Range : 1kg/cm2 to 55kg/cm2
Name/Make : Fluke Calibration Phoenix	Traceability : Gatrads, Ahmedabad.	Valid Up to : 27.11.2025	
Work Instruction No : CP - 01		Standard Used : DKD-R-6-1	ISO-GUM-1995
Environment Details		Relative Humidity : (40 - 70)%	
Temperature : (23 +/- 1.5)°C			

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
Valid up to 27-06-2024
Reviewed *[Signature]*

Calibrated By: Harshvardhan Kumar
Lab Engineer

NCQC System Certificate No. 299

SIDDHARTH Digitally signed by SIDDHARTH VIJAY PATIL
Date: 2023.07.05
16:25:11 +05'30'
Approved By: VIJAY PATIL
Technical Manager / Siddharth Patil (CEO)

NCQC
Valid up to 27-06-2024
Reviewed *[Signature]*

NCQC System Certificate No. 299

TRUE COPY



Vijay Instrumentation Services
A-202 Arihant Supermarket, Opp SBI Lalbaug, Manjalpur,
Vadodara - 390011
Email: calibration@vijayenterprises.in
Contact: +91-7041380818 | 0265-2664870

TRUE COPY



CC-2695

Calibration Certificate

Certificate No: VIS/23-24/M-678
ULR No. : CC26952300000678F

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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	8.829	8.828	8.827	8.828	8.829	8.828	8.8282	0.0022	0.0350	0.0020	0.0010	0.00203
3	17.6521	17.656	17.654	17.655	17.654	17.654	17.655	17.6547	0.0026	0.0350	0.0020	0.0013	0.00274
4	26.4781	26.483	26.482	26.481	26.482	26.481	26.481	26.4817	0.0036	0.0350	0.0020	0.0007	0.00344
5	35.3041	35.311	35.310	35.309	35.310	35.309	35.311	35.3100	0.0059	0.0350	0.0020	0.0013	0.00459
6	45.1108	45.119	45.118	45.120	45.119	45.118	45.118	45.1187	0.0079	0.0350	0.0020	0.0007	0.00586
7	52.9562	52.966	52.965	52.965	52.967	52.965	52.966	52.9657	0.0095	0.0350	0.0020	0.0013	0.00688
8	62.7629	62.774	62.773	62.775	62.774	62.775	62.774	62.7742	0.0113	0.0350	0.0010	0.0010	0.00816
9	70.6082	70.621	70.620	70.622	70.622	70.620	70.621	70.6210	0.0128	0.0350	0.0020	0.0007	0.00918

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

Calibrated By: Harshvardhan Kumar
Lab Engineer (I.I.D.)

Siddharth Patil
Approved By: VIJAY PATIL
Technical Manager / Siddharth Patil (CEO)

Digitally signed by
SIDDHARTH VIJAY PATIL
Date: 2023.07.05 16:25:26
+05'30'

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.

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