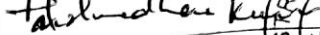



Calibration Certificate

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Certificate No	: VIS/22-23/M-593	Date of Calibration	: 28.06.2022
ULR No.	: CC26952200000593F	Recommended Due Date	: 28.06.2023
		Date of Issue	: 28.06.2022
Customer Details :		Calibrated at	: Mechanical Lab
National Centre for Quality Calibration		Discipline	: Mechanical Calibration
4, Abhishree Corporate Park,		Group	: Pressure Indicating Device
Near Swagat Bungalows BRTS,		Receipt Date	: 28.06.2022
Iskeon-Ambli Road,		Cond. On Receipt	: Satisfactory
Ambli, Ahmedabad - 380 058,		Receipt No	: VIS/S-335/ 22-23
Gujarat, India.			
Test Instrument : Digital Pressure Gauge		Serial No.	: NVEM1806036
Model	: MGA N32-2	ID No.	: NCQC/M-148
Range	: 0 to 1000 bar	Make	: Vijay Enterprises
Least Count	: 0.01 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/cm ² to 55kg/cm ²
Traceability	: Gatrada, Ahmedabad.		: 20kg/cm ² to 1100kg/cm ²
		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 :  Approved By : 

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



NCQC System Certificate No. **301**

NCQC
Valid up to **28-06-2023**
Reviewed 

Calibration Certificate

Certificate No: VIS/22-23/M-593

ULR No. : CC269522000000593F

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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	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.500	0.000	0.000	0.01291
2	123.564	123.60	123.61	123.62	123.61	123.61	123.60	123.608	0.044	0.500	0.020	0.010	0.02205
3	245.168	245.24	245.23	245.22	245.23	245.22	245.22	245.227	0.059	0.500	0.020	0.007	0.03187
4	368.732	368.81	368.79	368.80	368.81	368.80	368.81	368.803	0.071	0.500	0.020	0.013	0.04794
5	490.335	490.41	490.42	490.43	490.42	490.43	490.42	490.422	0.087	0.500	0.020	0.010	0.06374
6	613.899	614.01	614.00	614.01	613.99	614.01	614.00	614.003	0.104	0.500	0.010	0.013	0.07981
7	735.503	735.60	735.62	735.62	735.61	735.62	735.61	735.613	0.110	0.500	0.020	0.013	0.09562
8	859.067	859.19	859.18	859.19	859.17	859.19	859.18	859.183	0.116	0.500	0.010	0.013	0.11168
9	1000.283	1000.42	1000.40	1000.42	1000.41	1000.41	1000.42	1000.413	0.130	0.500	0.020	0.013	0.13004

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

Calibrated By : *Harshwardhan K*

Lab Engineer : Mr. Harshwardhan K



Approved By :

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---