

**Calibration Certificate**

FF – 24		Page 1 of 2	
Certificate No : VIS/23-24/M -679	Date of Calibration : 27.06.2023	ULR No. : CC269523000000679F	Recommended Due Date : 27.06.2024
	Date of Issue : 05.07.2023		
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	Discipline : Mechanical Calibration	Group : Pressure Indicating Device
	Receipt Date : 27.06.2023	Cond. On Receipt : Satisfactory	Receipt No : VIS/S-373/23-24
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/cm2 to 55kg/cm2
Traceability : Gatrada, Ahmedabad.	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/s<sup>2</sup> Uncertainty = 50 ppm

Calibrated By: Harshvardhan Kumar  
Lab Engineer

SIDDHARTH Digitally signed by  
SIDDHARTH VIJAY PATIL  
Date: 2023.07.05 16:24:24  
+05'30'  
Approved By: VIJAY PATIL  
Technical Manager / Siddharth Patil (CEO)

NCQC  
Valid up to 27-06-2024  
Reviewed

NCQC System Certificate No. 301

TRUE COPY



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



CC-2695

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Page: 2 of 2

Calibration Results

Table with 14 columns: Sr. No., Standard DWT Read., Test Reading (Up/Down), Mean Value, Deviation, Deviation Allowed, Repeatability, Hysteresis, Uncertainty. Contains 9 rows of calibration data.

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

Calibrated By: Harshvardhan Kumar
Lab Engineer

SIDDHARTH Digitally signed by
SIDDHARTH VIJAY PATIL
Approved By: VIJAY PATIL
Date: 2023.07.05 16:24:42 +05'30'
Technical Manager / Siddharth Patil (CEO)

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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