Vijay Instrumentation Services

A-201 Arihant Supermarket, Opp SBI Lalbaug Branch, Manjalpur,
Vadodara – 390011
Email: calibration@vijayenterprises.in
Contact: +91-7041380818 | 0265-2664870

CC-2695

TRUE COPY

Calibration Certificate

FF – 24

Certificate No : VIS/21-22/O-614 ULR No. : CC269521000000614F	Date of Calibration : 26.07.2021 Recommended Due Date : 26.07.2022 Date of Issue : 27.07.2021
Customer Details : National Centre for Quality Calibration 4, Abhishree Corporate Park, Nr. Swagat Bungalows BRTS, Opp. Shell Petrol Pump, Iscon-Bopal Road, Ambli, Ahmedabad – 380 058.	Calibrated at : Mechanical Lab Discipline : Mechanical Calibration Group : Pressure Indicating Device Receipt Date : 24.07.2021 Cond. On Receipt : Satisfactory Receipt No : VIS/S-358/21-22
Test Instrument : Digital Pressure Gauge Model : DPI-104 Range : 0 to 70 bar Least Count : 0.001 bar Accuracy : +/- 0.05%FS	Serial No. : 3264808 ID No. : NCQC/M-76 Make : Druck
Details of Standard Used : Dead Weight Tester Name/Make : Fluke Calibration Phoenix Traceability : Gatrad, Ahmedabad.	Sr. No./Certi.No. : 71760 / GEC/NB/14148-P Range : 1kg/cm2 to 55kg/cm2 : 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/s^2 Uncertainty = 50 ppm

VIJAY INSTRUMENTATION SERVICES VADODARA

Calibrated By : Harshwardhan Kumar
Lab Engineer : Mr. Harshwardhan Kumar

Approved By :
Technical Manager : Mr. Vijay J. Patil

NCQC System Certificate No. 66

NCQC
Valid up to 26/07/2022
Reviewed

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Calibration Certificate

Certificate No: VIS/21-22/O-614
ULR No. : CC269521000000614F

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	bar	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	0.00000
2	7.3550	7.359	7.358	7.360	7.358	7.359	7.358	7.3587	0.0037	0.0350	0.0010	0.0013	0.00224
3	10.2970	10.302	10.302	10.302	10.301	10.303	10.301	10.3018	0.0048	0.0350	0.0010	0.0010	0.00210
4	20.1037	20.110	20.109	20.110	20.109	20.111	20.110	20.1098	0.0061	0.0350	0.0010	0.0010	0.00270
5	30.4008	30.408	30.407	30.408	30.406	30.407	30.406	30.4070	0.0062	0.0350	0.0010	0.0013	0.00395
6	41.1881	41.196	41.195	41.196	41.194	41.197	41.195	41.1955	0.0074	0.0350	0.0010	0.0017	0.00535
7	50.9948	51.005	51.004	51.005	51.003	51.004	51.003	51.0040	0.0092	0.0350	0.0010	0.0013	0.00663
8	60.8015	60.812	60.812	60.814	60.813	60.813	60.812	60.8127	0.0112	0.0350	0.0020	0.0007	0.00790
9	70.6082	70.623	70.622	70.623	70.621	70.622	70.621	70.6220	0.0138	0.0350	0.0010	0.0013	0.00918

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

Calibrated By : Harshwardhan Kumar
Lab Engineer : Mr. Harshwardhan Kumar

VIJAY INSTRUMENTATION SERVICES VADODARA

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.

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