



NUTECH CALIBRATORS & ENGINEERS

(NABL Accredited Calibration Laboratory)

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CC-3304

Format No.:	F/NCE/LAB/20	CALIBRATION CERTIFICATE OF : PRESSURE GAUGE			
LR No.:	CC330422000002339F				
Calibration Certificate No.:	NCE-PG-2200339-21-22	Issue Date:	5-Jan-2022	Page No.:	1 of 1
Date of Calibration:	3-Jan-2022	Next Calibration Due On :	3-Jan-2023		
Order No.:	-	Instrument Receipt Date :	3-Jan-2022		
Issued to	M/s : Dey's Medical Stores Pvt. Ltd. Minerva Garden Complex, D.H Road, Joka, 24 Pgs(S), Kolkata-700104				

Description of instrument

Designation:	Pressure Gauge	Location:	Air Compressor Tank		
Make:	Mass	Range:	(0 to 21) kg/cm ²		
Model:	-	Least Count:	0.5 kg/cm ²		
Identification No.:	DMJP-50	Sr. No.:	-		
Calibration Procedure:	SOP/PG/P-01	Calibration Done:	On Site		
Standard reference No.:	DKD-R6-1	Discipline:	Mechanical		
Environmental Condition during Calibration:	Temperature	Humidity	Recommended Environmental Condition:		
			Temperature	Humidity	
	24.8°C	57.5% RH	24°C± 2°C	50 ± 10% RH	

Details of Standard Equipment used for Calibration

Traceability: Standards used for calibration are traceable to National / International Standards through ISO/IEC: 17025 accredited laboratory

Sr. No.	Description	Certificate No.	Calibration Date	Due On	Calibration Agency
1	Digital Pressure Gauge	VIS/20-21/M-082	30.01.2021	30.01.2022	Vijay Instrumentation Services (CC-2695)


Calibration Results

Obs. No.	DUC Set in kg/cm ²	Ascending			Descending			U/C on measurement (% of rdg)
		Corresponding Value in bar	Std. Observed value (Average) in bar	Error in bar	Corresponding Value in bar	Std. Observed value (Average) in bar	Error in bar	
1	5	4.90	4.892	0.011	4.90	4.887	0.016	± 1.17
2	10	9.81	9.788	0.019	9.81	9.782	0.025	
3	15	14.71	14.688	0.022	14.71	14.682	0.028	
4	20	19.61	19.584	0.029	19.61	19.582	0.031	
5	21	20.59	20.562	0.032	20.59	20.562	0.032	

Remarks: Measurement Uncertainty reported is at approximately 95% confidence level with k=2, Units of Measurement results & Measurement Uncertainty are same as that of range selected unless otherwise indicated. All the readings are converted kg/cm² to bar. 1 kg/cm² = 0.98 bar

- Note:
- i) This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
 - ii) NABL-133 guidelines are adopted for use of NABL symbol.
 - iii) DUC: Device Under Calibration.
 - iv) Physical Status Of DUC : Ok
 - v) The certificate if produced for any purpose commercial or otherwise should be reproduced in full. Partial of the certificate or an abstract thereof has to be got specifically approved from the technical and the quality manager of this job.

This certificate, issued by Nutech Calibrators & Engineers, refers only the particular item submitted to calibrate.

Calibrated By: 
(Calibration Engineer)

Approved By: 
(C.E.O)

END OF CERTIFICATE

