



NUTECH CALIBRATORS & ENGINEERS

(NABL Accredited Calibration Laboratory)

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Inst No.:	F/NCE/LAB/20	CALIBRATION CERTIFICATE OF : PRESSURE GAUGE	
E No.:	CC330422000012911F		
Calibration Certificate	NCE-PG-22012911-22-23	Issue Date:	5-Jan-2023
			Page No.: 1 of 1
Calibration Date:	3-Jan-2023	Next Calibration Due On :	3-Jan-2024
		Instrument Receipt Date :	3-Jan-2023
Address:	M/s : Dey's Medical Stores Pvt. Ltd. Minerva Garden Complex, D.H Road, Joka, 24 Pgs(S), Kolkata-700104		

Description of instrument

Instrument:	Pressure Gauge	Location:	Air Dryer
Air Mover:	Range: (0 to 21) kg/cm ²	least Count:	0.5 kg/cm ²
	Sr. No.:	Calibration Done:	On Site
Location No.:	DMJP-52	Discipline:	Mechanical
Calibration Procedure:	SOP:PG/P-01	Recommended Environmental Condition:	
Standard reference No.:	DKD-R6-1	Temperature	Humidity
Environmental Condition during Calibration:	Temperature: 24.4°C	Humidity: 56.8% 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

No.	Description	Certificate No.	Calibration Date	Due On	Calibration Agency
	Digital Pressure Gauge	TSC/21-22/15254-1	27/01/2022	26/01/2023	Transcal

Calibration Results

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	
	5	4.90	4.917	-0.014	4.90	4.922	-0.019	± 1.17
	10	9.81	9.828	-0.021	9.81	9.829	-0.022	
	15	14.71	14.735	-0.025	14.71	14.737	-0.027	
	20	19.61	19.640	-0.027	19.61	19.644	-0.031	
	21	20.59	20.626	-0.032	20.59	20.626	-0.032	

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

(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-172 guidelines are adopted for use of NABL symbol.

(iii) DUC: Device Under Calibration

(iv) Physical Status Of DUC: Ok

(v) This 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.

Prepared By: B. Bera *B. Bera*

(C. E.)



Approved By: S. Ghosh *S. Ghosh*

(T.M.)

END OF CERTIFICATE