



NUTECH CALIBRATORS & ENGINEERS

(NABL Accredited Calibration Laboratory)

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CC-3304

CALIBRATION CERTIFICATE OF : PRESSURE GAUGE

Format No.:	F/NCE/LAB/20	Issue Date:		5-Jan-2023	Page No.: 1 of 1
ULR No.:	CC330422000012897F	Next Calibration Due On :		3-Jan-2024	
Calibration Certificate No.:	NCE-PG-22012897-22-23	Instrument Receipt Date :		3-Jan-2023	
Date of Calibration:	3-Jan-2023				
Order No.:					
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

Nomenclature:	Pressure Gauge for Bursting Strength Tester	Location:	QC Instrumentation Room		
Make:	Ubique	least Count:	0.01 kg/cm ²		
Model:	Lx (Digi)	Calibration Done:	On Site		
Identification No.:	DMJQ-18	Discipline:	Mechanical		
Calibration Procedure:	SOP/PG/P-01	Recommended Environmental Condition:			
Standard reference No.:	DKD-R6-1	Temperature	Humidity	Temperature	Humidity
Environmental Condition during Calibration:	24.5°C	57.1% 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	TSC/21-22/15254-1	27/01/2022	26/01/2023	Transcal

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	10	9.81	9.778	0.029	9.81	9.780	0.027	± 1.17
2	15	14.71	14.660	0.050	14.71	14.666	0.044	
3	20	19.61	19.550	0.063	19.61	19.555	0.058	
4	25	24.52	24.430	0.087	24.52	24.434	0.083	
5	30	29.42	29.310	0.110	29.42	29.310	0.110	

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: B.Bera *B. Bera*
(C. E.)

Approved By: S. Ghosh *S. Ghosh*
(T. M.)



END OF CERTIFICATE