

BAUMER TECHNOLOGIES INDIA PVT. LTD.(CALIBRATION DIVISION)

BTIN(CD)/F/7.8/02

CALIBRATION CERTIFICATE

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Receipt Date of Instrument:	18.07.2022	Calibration Certificate of Digital Pressure Gauge Range: 0 to 1400 bar Certificate No.: 22071801 Date: 18.07.2022 ULR No.: CC276722000000519F
Customers Ref. No.:	Challan No.18072022/06	
Condition of the Instrument :	Good	
Date of Calibration	Recommended due date of Cal.	Certificate Issue Date
18.07.2022	17.07.2023	18.07.2022
Discipline:	Mechanical	Location
Sub Group:	Pressure Indicating Devices	IN Lab

1.0 NAME & ADDRESS OF THE PARTY: M/s. National Centre for Quality calibration
 4, Abhishree Corporate Park,
 Near Swagat bungalows BRTS, Iskcon - Ambli Road,
 Ambli, Ahmedabad - 380058, Gujarat, India

2.0 CALIBRATION REQUEST FORM NO.: 22071801

3.0 DETAILS OF INSTRUMENT CALIBRATED:

*NAME	*MAKE	*SR. No/*ID No.	*RANGE	*RESOLUTION	*ACCURACY
Digital Pressure Gauge	Druck	2967029/ NCQC/M-78	0 to 1400 bar	0.1 bar	± 0.05% FS

4.0 ENVIRONMENTAL CONDITIONS:

TEMPERATURE: (23 ± 1°C)
 HUMIDITY: (45 to 55%RH)

5.0 DETAILS OF STANDARD USED:

MAKE & TYPE	SR. NO.	RANGE	UNCERTAINTY	Certified By (NABL Certi.No)	CERTIFICATE NO.	NEXT CAL.
Operated Piston Gauge, DHI, USA	1187	5 to 200 MPa (50 to 2000 bar)	±43.0 ppm + 100 Pa	Fluke	1500256748	18-MAR-2024

*As Specified by the Customer

Note : 1. The Standard used for calibration are calibrated by using reference traceable to National / International standard.

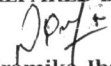
Note : 2. Traceability Details : Reference equipment is traceable to NIST-USA, PTB-Germany & LNE-France vide Certificate No. 1500256748 dated 18.03.2019 and accredited to a2LA, USA.

This certificate provides traceability of measurement to recognized International Standards and to the units of measurement realized at Recognized by National Metrological Institutes.

Note : 3. Reference document for calibration : BTIN(CD)/TOP/7.2/04 & DKD -R 6-1:2014.

Note : 4. Calibration of Pressure gauge done by an accredited Laboratory is meant for Scientific & Industrial purpose only.

PREPARED BY

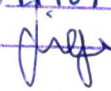

 Niramika Jha
 Engineer Laboratory

APPROVED & RELEASED BY


 Ankita Patel
 Technical Manager

NCQC System Certificate No. 39

TRUE COPY

 NCQC
 Valid up to 17/07/2023
 Reviewed 

BAUMER TECHNOLOGIES INDIA PVT. LTD. (CALIBRATION DIVISION)

CALIBRATION CERTIFICATE OF

BTIN(CD)/F/7.8/02

Digital Pressure Gauge

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Certificate No.: 22071801

Range (R) : 0 to 1400 bar

OBSERVATION TABLE:

Sr. No.	Pressure Indicated on UUC in bar	Observed Average Reading On STD. in bar		Average Error in bar		Hysteresis of Avg Reading in bar	Expanded Uncertainty in bar
		Upward Readings	Downward Readings	Upward Readings	Downward Readings		
1	0.0	0.000000	0.000000	0.000000	0.000000	0.000000	0.058
2	140.0	140.0009	139.9985	-0.0009	0.0015	-0.0024	0.060
3	200.0	200.0091	200.0067	-0.0091	-0.0067	-0.0024	0.062
4	400.0	400.0197	400.0175	-0.0197	-0.0175	-0.0022	0.074
5	600.0	600.0505	600.0481	-0.0505	-0.0481	-0.0024	0.091
6	800.0	800.0917	800.0894	-0.0917	-0.0894	-0.0023	0.11
7	1000.0	1000.062	1000.033	-0.062	-0.033	-0.029	0.13
8	1200.0	1200.083	1200.057	-0.083	-0.057	-0.026	0.15
9	1400.0	1400.100	1400.065	-0.100	-0.065	-0.035	0.17

The expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor, $k = 2.0$ providing the 95.45% confidence level.

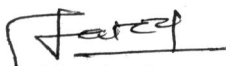
Notes:

- 1) Calibration has been done without adjustment.
- 2) The above readings are an average of Three sets of readings.
- 3) Calibration due date provided as per customer recommendation.

Any anomalies/discrepancies in this report should be brought to our notice within 45 days from the date of issue of this report

CALIBRATED BY


 Keyur Lad
 Laboratory Technician

CHECKED BY


 Ankita Patel
 Technical Manager

APPROVED & RELEASED BY


 Ankita Patel
 Technical Manager

XXXXXXXX **END OF REPORT** XXXXXXXX