

TRUE COPY

BAUMER TECHNOLOGIES INDIA PVT. LTD.(CALIBRATION DIVISION)

CALIBRATION CERTIFICATE

BTIN(CD)/F/7.8/02

Page 1 of 2

Receipt Date of Instrument: 26.07.2021
 Customers Ref. No.: 20072020/08
 Condition of the Instrument : Good

Calibration Certificate of
 Digital Pressure Gauge
Range: 0 to 1400 bar

Date of Calibration	Recommended due date of Cal.	Certificate Issue Date	Certificate No.:	21072603
26.07.2021	25.07.2022	27.07.2021	Date:	26.07.2021
Discipline:	Mechanical	Location	ULR No.: CC276721000000953F	
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.: 21072603

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.
Oil-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
 Niramika Jha
 Engineer Laboratory

APPROVED & RELEASED BY

Arnkita Patel
 Arnkita Patel
 Technical Manager

NCQC
 Valid up to 25/07/2022
 Reviewed _____

NCQC System Certificate No. 39

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CALIBRATION CERTIFICATE OF
Digital Pressure Gauge

BTIN(CD)/F/7.8/02

Page 2 of 2

Certificate No.: 21072603
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	140.0922	140.0891	-0.0922	-0.0891	-0.0031	0.060
3	200.0	200.1041	200.1007	-0.1041	-0.1007	-0.0034	0.062
4	400.0	400.1377	400.1357	-0.1377	-0.1357	-0.0020	0.074
5	600.0	600.2322	600.2287	-0.2322	-0.2287	-0.0035	0.091
6	800.0	800.2916	800.2893	-0.2916	-0.2893	-0.0023	0.11
7	1000.0	1000.489	1000.461	-0.489	-0.461	-0.029	0.13
8	1200.0	1200.515	1200.514	-0.515	-0.514	-0.001	0.15
9	1400.0	1400.593	1400.535	-0.593	-0.535	-0.058	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.

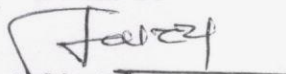
Any anomalies/discrepancies in this report should be brought to our notice within 45 days from the date of issue of this report

CALIBRATED BY



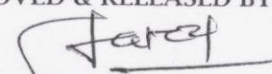
Keyur Lad
Laboratory Technician

CHECKED BY



Ankita Patel
Technical Manager

APPROVED & RELEASED BY



Ankita Patel
Technical Manager

XXXXXXXX **END OF REPORT** XXXXXXXX