



# NATIONAL CENTRE FOR QUALITY CALIBRATION

4, Abhishree Corporate Park, Nr. Swagat Bungalows BRTS, Iskcon-Ambli Road, Ambli, Ahmedabad-380 058  
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Since 1998

Visit our Web Site : [www.calibrationlaboratory.in](http://www.calibrationlaboratory.in)

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CC-2128

Precision Calibration with National / International Traceability for Temperature, Dimensional, Pressure, Vacuum, Time, Mass, Electrical, Noise, Airflow, Lux & all Special Purpose Instruments in all ranges.

## Calibration Certificate

F/CR/M/062 Issue No. 03

<b>Name of Customer</b> National Centre for Quality Calibration 4, Abhishree Corporate Park, Nr. Swagat Bungalows BRTS, Iskcon – Ambli Road, Ambli, Ahmedabad – 380 058, Gujarat	<b>Certificate No.</b> NCQC-M/050724/052	
	<b>Date of Issue</b> 06/07/2024	
	<b>Date of Calibration</b> 05/07/2024	
	<b>Suggested Due Date</b> 04/07/2025	
<b>Date of Receipt / Ref.No.:</b> 05/07/2024		

<b>ULR No. :</b> CC212824000004875F	<b>Discipline :</b> Mechanical Calibration Pressure & Vacuum
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<b>Details of Observation of Unit Under Calibration</b>	<b>Identification No. :</b> NCQC/M-76
	<b>Serial No. :</b> 3264808
	<b>Name of Instrument :</b> Digital Pressure Gauge

<b>Range</b> 0 to 70 bar	<b>Initial Error</b> Nil	<b>Visual Inspection</b> OK
<b>Resolution</b> 0.001 bar	<b>Accuracy</b> ± 0.05% FS	
<b>Make / Model</b> Druck/DPI-104		
<b>Location</b> ====		
<b>Loc. of Calibration</b> At Laboratory	<b>Std. Ref. Used</b> DKD-R-6-1	
<b>Environment Cond.</b> 23 ± 1.5 °C, 40 to 60 % Rh	<b>Cali.Method No.</b> NCQC/CM/M/062	
<b>Actual Env. Cond.</b> 23.5 °C 51.0 %Rh		

### Master Instruments Detail

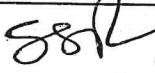
NCQC SYS.NO.	Nomenclature	Make/ Model	Id / Serial No.	Traceable To	Certificate No.	Valid Upto
62	Dead Weight Tester	Yantrika / REW307HB0/1	NCQC/M-121/ T15H111	CC-2364	M-231124-01-1	04/12/2028

### Calibration Results

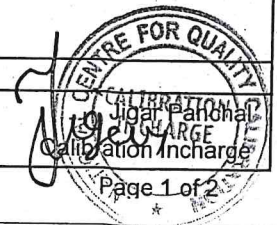
Set Pressure on UUC	Reference Reading						Mean Value	Deviation	Repeatability	Hysteresis	% Error of F.S.	Expanded uncertainty (±)	
	p duc	M1 (Up)	M2 (Down)	M3 (Up)	M4 (Down)	M5 (Up)							M6 (Down)
bar	bar	bar	bar	bar	bar	bar	bar	bar	bar	bar	bar	%	bar
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.000
7.000	7.000	7.005	7.005	7.000	7.000	7.005	7.005	-0.005	0.005	0.005	0.005	0.01	0.012
14.000	14.005	14.005	14.005	14.005	14.005	14.005	14.005	-0.005	0.000	0.000	0.000	0.01	0.011
21.000	21.005	21.005	21.010	21.010	21.005	21.010	21.010	-0.010	0.005	0.002	0.002	0.01	0.012
28.000	28.010	28.010	28.015	28.010	28.010	28.015	28.015	-0.015	0.005	0.003	0.003	0.02	0.013
42.000	42.015	42.015	42.010	42.015	42.010	42.015	42.015	-0.015	0.005	0.003	0.003	0.02	0.019
56.000	56.0	56.1	56.0	56.0	56.0	56.1	56.0	0.0	0.1	0.1	0.00	0.00	0.1
63.000	63.0	63.1	63.0	63.0	63.1	63.0	63.0	0.0	0.1	0.1	0.00	0.00	0.1
70.000	70.1	70.0	70.0	70.0	70.1	70.0	70.0	0.0	0.1	0.1	0.00	0.00	0.1

NCQC System Certificate No. 66.

Traceable To National / International Standards.

Calibrated By  Ghanshyam Patel  
Calibration Incharge

Reviewed & Approved By



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Pressure & Vacuum

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Identification No. : NCQC/M-76

Serial No. : 3264808

Name of Instrument : Digital Pressure Gauge

### Remarks:

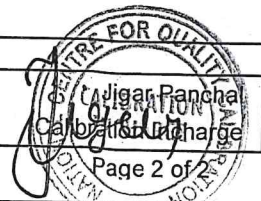
- Suggested due date is given based on customer requirements
- These results are obtained at the time of calibration.
- Pressure gauge was calibrated in Hydraulic Mode.
- Zero reading included at No Load Condition on Dead Weight Tester.
- Condition of instrument found satisfactory during receipt.
- Result relates to the item calibrated only.
- No external provider was used for calibration and hence it is not applicable.
- Calibration certificate shall not be reproduced except in full without written approval of Director, NCQC.
- Any hand written corrections (except @) or photocopies of the report invalidates this certificate.
- The uncertainties are for a confidence probability of not less than 95% with coverage factor k = 2
- Our masters are directly calibrated through NABL accredited calibration laboratory having direct traceability with National / international standard.

Traceable To National / International Standards.

Calibrated By

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Calibration Incharge

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