



CERTIFICATE of CALIBRATION

Certificate No. 02410074708
Issue Date 10/07/2024

Customer Details:

Name NEW JUTHI ENTERPRISE
Address Agrabad, Chattogram,
Bangladesh.

Details of Unit Under Calibration (UUC):

Description Pressure Gauge
Manufacturer Tecsis
Model/Type EN 837-1
Serial Number N/P
ID No. N/P
Range (Bar) 0 to 1000
Least Count (Bar) 20
Accuracy As Per Instrument
Location of Calibration Laboratory
Visual Inspection OK

Date of Calibration 10/07/2024
Suggested Due Date 09/07/2025

Calibration Procedure The calibration had been performed in accordance with calibration procedure SCS.WI-04M (Procedure based on DKD-R6-1.)

Calibration Result The details of standard equipment used for calibration & result of calibration are given in page 2.

Conclusion For the status of measurements please refer to the guidance notes.

Environment: (certified against calibrated digital temperature & humidity meter)

Temperature (°C) 23±3
Relative Humidity (%RH) 40 to 60

This certificate is issued strictly in accordance with the requirements of ISO 17025:2017. All calibration equipments are traceable to the International Standards. Documentary evidence is available upon request.



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Details of Standard Equipment Used for Calibration:

Sl. No.	Description	Make	Inst. Sl. /ID NO.	Certificate No.	Validity	Calibrated By
01	Digital Pressure Gauge	Hunan Mike	SCS/PG/02	CI/06/2024/109/DIL/26	30/Jun/2025	DIL
02	Thermo Hygrometer	CEM	SCS/THM/01	CI/06/2024/109/DIL/18	29/Jun/2025	DIL

Guidance Notes:

- Status A** The measurement is within tolerance, due allowances having been made for the uncertainty of the measurement.
Status B The measurement may be out of tolerance, due allowances having been made for the uncertainty of the measurement.
Status C The measurement is out of tolerance, due allowances having been made for the uncertainty of the measurement.
Status D No conclusion can be drawn, because the standard(s) do(es) not specify a tolerance for this measurement.

OBSERVATION: (verified against calibrated dead weight tester)

Ascending Order

Sl. No.	UUC Value (Bar)	STD Avg. Value (Bar)	Error (Bar)	Tolerance(Bar)	Status	Uncertainty (Bar)
01	0.0	0.00	0.00	N/S	D	±0.85
02	200.0	199.98	0.02	N/S	D	
03	400.0	399.96	0.04	N/S	D	
04	600.0	599.93	0.07	N/S	D	
05	800.0	799.90	0.10	N/S	D	
06	1000.0	999.85	0.15	N/S	D	

Descending Order

Sl. No.	UUC Value (Bar)	STD Avg. Value (Bar)	Error (Bar)	Tolerance(Bar)	Status	Uncertainty (Bar)
01	1000.0	999.85	0.15	N/S	D	±0.85
02	800.0	799.90	0.10	N/S	D	
03	600.0	599.94	0.06	N/S	D	
04	400.0	399.97	0.03	N/S	D	
05	200.0	199.99	0.01	N/S	D	
06	0.0	0.00	0.00	N/S	D	

The overall uncertainty shall be calculated as per ISO "Guide to the Expression of Uncertainty in Measurement" (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level.

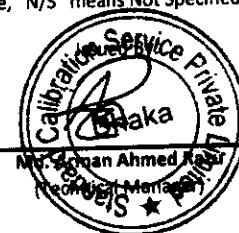
Notes:

- The values mentioned above are the mean readings.
- No adjustment was done during the calibration.
- Any section marked, "N/A" means Not Applicable, "N/P" means Not Provided, "N/R" means Not Readable, "N/S" means Not Specified.

Calibrated By:

[Signature]

Md. Zihad Ahmed
(Sr. Calibration Engineer)



End of Calibration Certificate