

## STANDARD CALIBRATION SERVICE PRIVATE LIMITED

www.scsbd-ltd.com



Rabeya Commercial Complex, 33/Kha (5th Floor) Section-6, Mirpur Circle-10, Dhaka-1216, Bangladesh Cell: +8801712 789 321

House # 427, Road # 6/2 Shaheenbagh, Tejgaon, Dhaka-1215

Tel: +88-02-48117267, Celi: +880 1921 612324, +880 1919 958147-50

E-mail: info@scsbd-ltd.com, www.scsbd-ltd.com

Certificate No. issue Date

02410074708 10/07/2024

**Customer Details:** 

Name Address **NEW JUTHI ENTERPRISE** Agrabad, Chattogram,

Bangladesh.

**CERTIFICATE of CALIBRATION** 

Details of Unit Under Calibration (UUC):

Description

**Pressure Gauge** 

Manufacturer

Tecsis

Model/Type Seriai Number EN 837-1

N/P

Range (Bar)

N/P

0 to 1000

Least Count (Bar)

Accuracy Location of Calibration As Per Instrument

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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### Laboratory Location

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## **CERTIFICATE of CALIBRATION**

### Details of Standard Equipment Used for Calibration:

SI. No.	Description	Make	inst. St. /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.

The measurement may be out of tolerance, due allowances having been made for the uncertainty of the measurement. Status B

The measurement is out of tolerance, due allowances having been made for the uncertainty of the measurement. Status C

No conclusion can be drawn, because the standard(s) do(es) not specify a tolerance for this measurement. Status D

## OBSERVATION: (verified against calibrated dead weight tester)

### Ascending Order

cenaing Order					
UUC Value	STD Avg. Value (Bar)	Error (Bar)	Tolerance(Bar)	Status	Uncertainty (Bar)
	0.00	0.00	N/S	D	±0.85
<del></del>	199.98	0.02	N/S	D	
	399.96	0.04	N/S	D	
	599.93	0.07	N/S	D	
	799.90	0.10	N/S	D	
	<del></del>	0.15	N/S	D	
		UUC Value (Bar) (Bar)  0.0 0.00  200.0 199.98  400.0 399.96  600.0 599.93  800.0 799.90	UUC Value (Bar)         STD Avg. Value (Bar)         Error (Bar)           0.0         0.00         0.00           200.0         199.98         0.02           400.0         399.96         0.04           600.0         599.93         0.07           800.0         799.90         0.10	UUC Value (Bar)         STD Avg. Value (Bar)         Error (Bar)         Tolerance(Bar)           0.0         0.00         0.00         N/S           200.0         199.98         0.02         N/S           400.0         399.96         0.04         N/S           600.0         599.93         0.07         N/S           800.0         799.90         0.10         N/S	UUC Value (Bar)         STD Avg. Value (Bar)         Error (Bar)         Tolerance(Bar)         Status           0.0         0.00         0.00         N/S         D           200.0         199.98         0.02         N/S         D           400.0         399.96         0.04         N/S         D           600.0         599.93         0.07         N/S         D           800.0         799.90         0.10         N/S         D

Descending Order

cending Or SI. 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/5	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	٥	

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:

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

Md. Zihad Ahmed

(Sr. Calibration Engineer)

\*End of Calibration Certificate\*