

ACCURATE MEASUREMENT

An NABL Accredited Calibration Laboratory

We Calibrate, Repair, Supply & Service All kinds of Precision Instruments & Mechaneries



ULR No CC31152600005336F

CALIBRATION CERTIFICATE

Format no.-AM/QCD-08

| | | | | | |
|------------------|--------------------------------|---------|------------|------------|------------|
| Certificate No. | AM/SISPL/(Feb/26-283)/5336 | SRF No. | Feb/26-283 | Issue Date | 06.03.2026 |
| Calibration Date | Recommended Calibration Due On | | | Page No. | |
| 20.02.2026 | 20.02.2027 | | | 1 of 2 | |

Issued to : **M/S. SYNERGY INDUSTRIAL SERVICES PVT. LTD.**
 Plot P1(F),Hospital Road WBIIDC Growth Centre, Kalyani-741235,
 West Bengal .India .

Description and identification of the item to be calibrated:

| | | | |
|-----------------|--------------------------|--------------------|-----------------------|
| Instrument Name | Pressure Gauge | | |
| Range/Capacity | 0-600 kg/cm ² | Resolution | 10 kg/cm ² |
| Make | Wika | Identification No. | SISPL/PG-02 |
| Sl. No. | ---- | Location | Shed-II |

Applicate specification of the item to be calibrated: Accuracy/Permissible limit (±) ---

| | | | |
|----------------------------|----|-------------------|------------|
| Physical condition of item | ok | Item Receive Date | 19.02.2026 |
|----------------------------|----|-------------------|------------|

Traceability: Standards used for calibration are Traceable to National/International Standards through ISO/IEC 17025

Accrediated Laboratory.

| Instrument Name | ULR No | Range | I.D. No. | Valid up to | Calibration Agency |
|------------------------|-------------------|--------------|----------|-------------|--------------------|
| Digital Pressure Gauge | CC42652600000169F | 0 to 400 bar | AM/PG-03 | 01-01-2027 | Calibration House |

| | | | | | |
|--|-----------------------------------|----------------------|-------------------|-------|--|
| Method of Calibration | AM/WI-17 | Place of Calibration | At our Laboratory | | |
| Reference Standard | DKD-R6-1 & IS 3624-1987 (RA 2018) | | | | |
| Environmental Condition During Calibration | Temp. (°C) | 23±1.5 | RH (%) | 55±15 | |

CALIBRATION RESULT

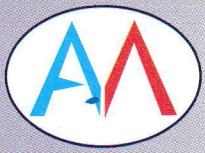
| Sl. No. | Nominal Reading on *DUC (kg/cm ²) | Equivalent Reading on *DUC (bar) | Observed Reading on Std. | | | | | Uncertainty Reported (At 95% C.L. with K= 2.00) (±) (bar) |
|---------|---|----------------------------------|--------------------------|-------------|------------------|-------------|-------------------------------------|---|
| | | | Increasing (bar) | Error (bar) | Decreasing (bar) | Error (bar) | Average Error in kg/cm ² | |
| 1 | 0 | 0.0 | 0.0 | 0.0 | 0.1 | -0.1 | -0.1 | |
| 2 | 40 | 39.2 | 39.5 | -0.3 | 39.5 | -0.3 | -0.3 | 5.83 |
| 3 | 80 | 78.5 | 79.0 | -0.5 | 78.9 | -0.4 | -0.4 | 5.83 |
| 4 | 100 | 98.1 | 98.8 | -0.7 | 98.7 | -0.6 | -0.7 | 5.83 |
| 5 | 140 | 137.3 | 138.1 | -0.8 | 138.1 | -0.8 | -0.8 | 5.83 |
| 6 | 200 | 196.1 | 197.1 | -1.0 | 197.0 | -0.9 | -1.0 | 5.83 |
| 7 | 240 | 235.4 | 236.6 | -1.2 | 236.4 | -1.0 | -1.1 | 5.83 |
| 8 | 300 | 294.2 | 295.8 | -1.6 | 295.5 | -1.3 | -1.5 | 5.84 |
| 9 | 340 | 333.4 | 335.5 | -2.1 | 335.4 | -2.0 | -2.1 | 5.83 |
| 10 | 400 | 392.3 | 394.7 | -2.4 | 394.7 | -2.4 | -2.4 | 5.83 |

| | | | | |
|-------|---|----------------------|---------------------------------------|--|
| Note: | *DUC Device under Calibration | RH Relative Humidity | C.L. Confidence Level | |
| ii) | Average of five reading taken in *DUC/STD. | | K Coverage factor | |
| • | Readings are taken from kg/cm ² to bar | | • 1 kg/cm ² = 0.980665 bar | |

Calibrated By
Prasenjit Ghana
 Lab Technician



Approved & Reviewed By
Mriganko Ganguly
 Asst. Quality Manager



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ISO 9001:2015 Organisation

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We also undertake ISO Consultancy

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CALIBRATION RESULT

| | | | | | |
|------------------------|--------------------|---------------|----------|-------------|--------------------|
| Instrument Name | ULR No | Range | I.D. No. | Valid up to | Calibration Agency |
| Digital Pressure Gauge | CC262825000006273F | 0 to 1000 bar | AM/PG-05 | 01-03-2026 | Essjay |

| Sl. No. | Nominal Reading on *DUC (kg/cm ²) | Equivalent Reading on *DUC (bar) | Observed Reading on Std. | | | | | Uncertainty Reported (At 95% C.L. with K= 2.00) (±) (bar) |
|---------|---|----------------------------------|--------------------------|-------------|------------------|-------------|-------------------------------------|---|
| | | | Increasing (bar) | Error (bar) | Decreasing (bar) | Error (bar) | Average Error in kg/cm ² | |
| 11 | 500 | 490.3 | 493.0 | -2.7 | 493.0 | -2.7 | -2.7 | 5.83 |
| 12 | 600 | 588.4 | 591.9 | -3.5 | 591.9 | -3.5 | -3.5 | 5.83 |



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Asst. Quality Manager

----- End of Certificate -----