



Certificate of Calibration

Calibration Date: 3/17/2023

Instrument S/N: I14350103

Standard: Mensor CPC6050

Manufacturer: ASHCROFT

Model Number: IXLDP

Standard S/N: 830697

Facility: AHU CRAH

Device Range: -15 TO 15 inH2O

Standard Cal Due Date: 1/11/2024

Calibration Coefficients:

Corrected = $a(0) + a(1) \cdot \text{Device} + a(2) \cdot \text{Device}^2$

a(0): -22.4678037894

a(1): 1859.4904647513

a(2): 265.94446755

Verification Data

| Setpoint (inH2O) | Standard (inH2O) | Cal Curve Data (mA) | Post Cal Reading (inH2O) | Difference | Limit | Status |
|---------------------|---------------------|------------------------|-----------------------------|------------|-------|--------|
| -15.0 | -15.0000 | 4.008 | -15.0107 | 0.011 | 0.150 | PASS |
| -10.0 | -9.9999 | 6.710 | -9.9786 | 0.021 | 0.100 | PASS |
| -5.0 | -5.0005 | 9.376 | -5.0098 | 0.009 | 0.050 | PASS |
| 0.0 | 0.0000 | 12.062 | 0.0001 | 0.000 | 0.005 | PASS |
| 5.0 | 5.0000 | 14.743 | 5.0045 | 0.004 | 0.050 | PASS |
| 10.0 | 10.0002 | 17.410 | 9.9865 | 0.014 | 0.100 | PASS |
| 15.0 | 15.0000 | 20.096 | 15.0079 | 0.008 | 0.150 | PASS |

Based on the above data, the listed device **PASSED** calibration verification.

Data Collected by: Robert Deeter

Reviewed and Approved: Corey King