



Certificate of Calibration

Calibration Date: 3/17/2023

Instrument S/N: I14350106

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

$a(0)$: -22.6216620969

$a(1)$: 1872.8940958741

$a(2)$: -72.80187646

| Verification Data | | | | | | |
|---------------------|---------------------|------------------------|-----------------------------|------------|-------|--------|
| Setpoint (inH2O) | Standard (inH2O) | Cal Curve Data (mA) | Post Cal Reading (inH2O) | Difference | Limit | Status |
| -15.0 | -15.0001 | 4.070 | -15.0002 | 0.000 | 0.150 | PASS |
| -10.0 | -10.0000 | 6.744 | -9.9942 | 0.006 | 0.100 | PASS |
| -5.0 | -5.0000 | 9.406 | -5.0117 | 0.012 | 0.050 | PASS |
| 0.0 | 0.0000 | 12.084 | -0.0002 | 0.000 | 0.005 | PASS |
| 5.0 | 4.9999 | 14.764 | 5.0139 | 0.014 | 0.050 | PASS |
| 10.0 | 10.0005 | 17.425 | 9.9914 | 0.009 | 0.100 | PASS |
| 15.0 | 15.0003 | 20.104 | 15.0016 | 0.001 | 0.150 | PASS |

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

Data Collected by: Robert Deeter

Reviewed and Approved: Corey King