# Calibration Certificate
**Accredited Calibration**

ACCREDITED
Calibration Lab
Cert 2066.01

**Cal Cert ID:** 160191



**Cust. Name:** WASHINGTON STATE PATROL
**Address:** 2502 112TH ST E
**City:** TACOMA
**State/Zip:** WA 98445 US

| | | | | | |
|---|---|---|---|---|---|
| **Instr SN:** | 4100060I/651369 | **Out1 Min Range:** | 8.0000 psi | **Cal Date:** | 01/02/2019 |
| **Instr Descr:** | CPG 2400 | **Out1 Max Range:** | 17.0000 psi | **Cal Time:** | 2:31 pm |
| **Sensor SN:** | 4100060I/651369 | **Limit of Error:** | 0.000 %F.S.+ 0.030 % R | **Cal Tech:** | SALLYG |
| **Procedure ID:** | WI02063 | **Pressure Type:** | Absolute | **Order Nbr:** | 26430 |

**Test Points Values and Readings**

| Test Point # | Reference Value PSI | Measured Values psi | Error % R | Uncertainty psi |
|---|---|---|---|---|
| 1 | 8.00407 | 8.0040 | -0.001 | .00018 |
| 2 | 9.80392 | 9.8040 | 0.001 | .00022 |
| 3 | 11.60374 | 11.6038 | 0.001 | .00026 |
| 4 | 13.40362 | 13.4037 | 0.001 | .00029 |
| 5 | 15.20348 | 15.2037 | 0.001 | .00033 |
| 6 | 17.00343 | 17.0035 | 0.000 | .00037 |
| 7 | 15.20347 | 15.2037 | 0.001 | .00033 |
| 8 | 13.40358 | 13.4037 | 0.001 | .00029 |
| 9 | 11.60374 | 11.6039 | 0.001 | .00026 |
| 10 | 9.80387 | 9.8039 | 0.000 | .00022 |
| 11 | 8.00404 | 8.0040 | 0.000 | .00018 |

**Measurement Standards Used in Calibration**

| Std Type | Serial Number | Description | Assoc. Test Reports | Recal Date |
|---|---|---|---|---|
| CPD 8000 | 10017/10016/9994 | DH CPD 8000 | CAL ID: 159795 | 12/11/2021 |

The combined and expanded uncertainty is reported at K=2 providing an approximate 95% confidence level.

**Remarks and Notes**

As Found Calibration.
As Left Calibration.
Prior to "AS FOUND" calibration, zero was adjusted +0.0020 PSI
Recalibration Date: 01/02/2019
An asterisk (*) denotes a measured condition where the error exceeds the maximum permissible error.
Dash numbers preceded by the sensor SN reference a primary (-1) or turndown (-2) range as applicable.
The standards and calibration program at Mensor complies with the requirements of ISO/IEC 17025:2005, ANSI/NCSL Z540-1 and Mensor Management Manual MM 3.0, Revision A, dated June 6, 2018.
Standards used in this calibration are traceable to SI units of measurements through N.I.S.T. or recognized national metrology institutes. All calibrations are performed in ambient conditions of 23 +/- 4 deg C and 20-80% relative humidity.
This calibration certificate shall not be reproduced, except in full, without the written approval of Mensor.

I, Sally Guerrero, certify the accuracy of this Calibration Certificate:

Calibration Lab Technician

**Mensor Calibration Certificates and Stickers**

Mensor calibration certificates and stickers do not contain calibration intervals unless specified by the customer, as Mensor will not dictate to our customers when they should re-calibrate their instruments.
The Calibration Sticker that is with this product is for your records. Due to the various location requirements of our customers, we do not affix the Calibration Sticker to the product.
For Mensor products, refer to the Calibration Section of your operation manual for the recommended calibration interval.