

Calibration Certificate

Accredited Calibration



Cal Cert ID: 265864

Page 1 of 2

Cust. Name: WASHINGTON STATE PATROL

Address: 11018 NE 51ST CIRCLE

City: Vancouver

State/Zip: WA 98682 USA

Instr SN: 410004SV/651311 Out1 Min Range: 8.0000 psi

Instr Descr: CPG2400 Out1 Max Range: 17.0000 psi

Sensor SN: 410004SV/651311 Limit of Error: 0.030% R

Cal Date: 06/04/2025

Cal Time: 1:36 pm

Issue Date: 06/04/2025

Cal Tech: MELISSAG

Order Nbr: 60670

Sensor Descr: Silicon Pressure Transducer

Procedure ID: WI02063 Pressure Type: Absolute

Test Points Values and Readings

Test Point #	Reference Value psi	Measured Values psi	Error % R	Uncertainty psi
1	8.00218	8.0025	0.0034	2.5E-4
2	9.80206	9.8024	0.0034	3.0E-4
3	11.60184	11.6023	0.0037	3.5E-4
4	13.40183	13.4022	0.0028	4.1E-4
5	15.20168	15.2021	0.0025	4.6E-4
6	17.00166	17.0017	0.0002	5.1E-4
7	15.20169	15.2021	0.0024	4.6E-4
8	13.40177	13.4020	0.0020	4.1E-4
9	11.60190	11.6022	0.0024	3.5E-4
10	9.80202	9.8024	0.0034	3.0E-4
11	8.00216	8.0024	0.0030	2.5E-4

Measurement Standards Used in Calibration

Std Type	Serial Number	Description	Assoc. Test Reports	Recal Date
CPD8000	10017/10016/9994	DH CPD 8000	CAL ID: 257842	01/03/2028

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.

Recalibration Date: 06/04/2026

An asterisk denotes a measurement error on a calibration that exceeds the limit of error (Tolerance Limit) based on simple acceptance regardless of uncertainty.

Dash numbers preceded by the sensor SN reference a primary (-1) or turndown (-2) range.

The standards and calibration program at Mensor complies with the requirements of ISO/IEC 17025:2017, ANSI/NCSL Z540-1 and Mensor Management Manual MM 3.0, Revision D, dated September 21, 2021.

Metrological traceability is established through accreditation by the American Association for Laboratory Accreditation (A2LA), a signatory subject to the International Laboratory Accreditation Cooperation (ILAC) Arrangement as described in Annex A of ISO 17025:2017. All calibrations are performed in ambient conditions of 23 +/- 4 deg C and 20-80% relative humidity.

Handwritten signature and date: 6-12-2025

Cal Cert ID: 265864

Page 2 of 2

The results reported herein relate only to the item calibrated. This calibration certificate shall not be reproduced, except in full, without the written approval of Mensor.

Transducer was calibrated in a horizontal position.

Prior to the as-found calibration, the zero was adjusted 0.0015 psi.

I, Melissa 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.

9/10 06.12.2025