



## Calibration Certificate

Accredited Calibration



Cal Cert ID: 168491

Page 1 of 2

Cust. Name: WASHINGTON STATE PATROL- IMPAIRED DRIVING SECTION

Address: 4811 WERNER ROAD

City: BREMERTON

State/Zip: WA 98312 US

Instr SN: 4100060H/651368

Out1 Min Range: 8.0000 psi

Cal Date: 06/27/2019

Instr Descr: CPG 2400

Out1 Max Range: 17.0000 psi

Cal Time: 11:35 am

Sensor SN: 4100060H/651368

Limit of Error: 0.030% R

Cal Tech: EVAS

Sensor Descr: Silicon Pressure Transducer

Order Nbr: 29263

Procedure ID: WI02063

Pressure Type: Absolute

### Test Points Values and Readings

Test Point #	Reference Value PSI	Measured Values psi	Error % R	Uncertainty psi
1	8.00500	8.0050	0.0000	.00018
2	9.80484	9.8052	0.0036	.00022
3	11.60466	11.6053	0.0055	.00026
4	13.40450	13.4053	0.0059	.00029
5	15.20436	15.2053	0.0062	.00033
6	17.00420	17.0054	0.0071	.00037
7	15.20430	15.2053	0.0066	.00033
8	13.40446	13.4053	0.0063	.00029
9	11.60464	11.6053	0.0057	.00026
10	9.80478	9.8051	0.0033	.00022
11	8.00495	8.0050	0.0006	.00018

The original documents cannot be located.  
A duplicate certificate was requested from Mensor.

Received  
5/4/2022  
J. B. Taylor

### 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

Recalibration Date: 06/27/2020.

As Found Calibration.

As Left Calibration.

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 B, dated February 28, 2019.

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. All calibrations are performed in ambient conditions of 23 +/- 4 deg C and 20-80% relative humidity.

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.



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Page 2 of 2

Prior to the as-found calibration, the zero was adjusted 0.0016 psi.

I, Eva Sattiewhite, certify the accuracy of this Calibration Certificate:

*Eva Sattiewhite*

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.

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Received  
5/4/2022  
*[Signature]*