

Calibration Certificate

Accredited Calibration



Cal Cert ID: 189608

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Cust. Name: WASHINGTON STATE PATROL

Address: 222 TUMWATER BLVD. SW
BUILDING 16

City: TUMWATER

State/Zip: WA 98504 US

Instr SN: 410004SY/651314

Out1 Min Range: 8.0000 psi ✓

Cal Date: 01/19/2021

Instr Descr: CPG 2400

Out1 Max Range: 17.0000 psi ✓

Cal Time: 10:45 am

Sensor SN: 410004SY/651314

Limit of Error: 0.030% R ✓

Issue Date: 01/19/2021

Sensor Descr: Silicon Pressure Transducer

Cal Tech: DAVIDY

Procedure ID: WI02063

Pressure Type: Absolute

Order Nbr: 36841

Test Points Values and Readings ✓

Test Point #	Reference Value PSI	Measured Values psi	Error % R	Uncertainty psi
1	8.00147	8.0015	0.0003	.00018
2	9.80128	9.8015	0.0023	.00022
3	11.60110	11.6013	0.0017	.00026
4	13.40097	13.4012	0.0017	.00029
5	15.20083	15.2009	0.0005	.00033
6	17.00076	17.0008	0.0002	.00037
7	15.20081	15.2009	0.0006	.00033
8	13.40092	13.4011	0.0013	.00029
9	11.60105	11.6013	0.0022	.00026
10	9.80133	9.8015	0.0017	.00022
11	8.00146	8.0014	-0.0007	.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

Recalibration Date: 01/19/2022. ✓

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 17025:2017, ANSI/NCSL Z540-1 and Mensor Management Manual MM 3.0, Revision C, dated November 18, 2020.

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.

Handwritten signature and date: 1-26-2021



Cal Cert ID: 189608
Transducer was calibrated in a horizontal position.

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I, David Ybarra, certify the accuracy of this Calibration Certificate:

David R. Ybarra

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.