mensor

Calibration Certificate

Accredited Calibration

ACCREDITED
Calibration Lab
Cert 2066.01

Cal Cert ID: 157997

Cust. Name: WASHINGTON STATE PATROL
Address: 3860 AIRPORT WAY
City: BELLINGHAM
State/Zip: WA 98226 US

Instr SN:	410004SX/651313	**Out1 Min Range:**	8.0000 psi	**Cal Date:**	10/24/2018
Instr Descr:	CPG 2400	**Out1 Max Range:**	17.0000 psi	**Cal Time:**	8:46 am
Sensor SN:	410004SX/651313	**Limit of Error:**	0.000 %F.S.+ 0.030 % R	**Cal Tech:**	EVAS
Procedure ID:	WI02063	**Pressure Type:**	Absolute	**Order Nbr:**	25650

Test Points Values and Readings

Test Point #	Reference Value PSI	Measured Values psi	Error % R	Uncertainty psi
1	8.00326	8.0034	0.002	.00018
2	9.80308	9.8037	0.006	.00022
3	11.60291	11.6038	0.008	.00026
4	13.40272	13.4038	0.008	.00029
5	15.20261	15.2039	0.008	.00033
6	17.00241	17.0039	0.009	.00037
7	15.20250	15.2039	0.009	.00033
8	13.40271	13.4038	0.008	.00029
9	11.60286	11.6037	0.007	.00026
10	9.80305	9.8036	0.006	.00022
11	8.00323	8.0034	0.002	.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: 119787	12/10/2018

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 +.0019 psi
Recalibration Date: 10/24/2019
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.

CB 8-28-19

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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.