Calibration Certificate

Accredited Calibration

ACCREDITED
Calibration Lab
Cert 2066.01

Cal Cert ID: 139942

Cust. Name: WASHINGTON STATE PATROL
Address: 811 EAST ROANOKE
City: SEATTLE
State/Zip: WA 98102 US

Instr SN:	410004SW/651312	**Out1 Min Range:**	8.0000 PSI	**Cal Date:**	07/31/2017
Instr Descr:	CPG 2400	**Out1 Max Range:**	17.0000 PSI	**Cal Time:**	10:33 am
Sensor SN:	410004SW/651312	**Limit of Error:**	0.000 %F.S.+ 0.030 % R	**Cal Tech:**	SALLYG
Procedure ID:	WI02063	**Pressure Type:**	Absolute	**Order Nbr:**	18660

Test Points Values and Readings

Test Point #	Reference Value PSI	Measured Values PSI	Error % R	Uncertainty PSI
1	8.00068	8.0008	0.001	.00018
2	9.80058	9.8009	0.003	.00022
3	11.60044	11.6010	0.005	.00026
4	13.40026	13.4012	0.007	.00029
5	15.20009	15.2011	0.007	.00033
6	17.00007	17.0010	0.005	.00037
7	15.20017	15.2010	0.005	.00033
8	13.40024	13.4009	0.005	.00029
9	11.60033	11.6009	0.005	.00026
10	9.80049	9.8008	0.003	.00022
11	8.00067	8.0005	-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.
Prior to "AS FOUND" calibration, zero was adjusted +0.0018 PSI
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 Quality Manual 2.0, Revision R, dated March 10, 2015.
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:

Sally Guerrero
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.

Calibration Certificate
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Cal Cert ID: 139947

Cust. Name: WASHINGTON STATE PATROL
Address: 811 EAST ROANOKE
City: SEATTLE
State/Zip: WA 98102 US

Instr SN: 410004SW/651312
Instr Descr: CPG 2400
Sensor SN: 410004SW/651312
Procedure ID: WI02063

Out1 Min Range: 8.0000 PSI
Out1 Max Range: 17.0000 PSI
Limit of Error: 0.000 %F.S.+ 0.030 % R
Pressure Type: Absolute

Cal Date: 07/31/2017
Cal Time: 11:21 am
Cal Tech: SALLYG
Order Nbr: 18660

Test Points Values and Readings

Test Point #	Reference Value PSI	Measured Values PSI	Error % R	Uncertainty PSI
1	8.00061	8.0005	-0.001	.00018
2	9.80043	9.8006	0.002	.00022
3	11.60027	11.6005	0.002	.00026
4	13.40020	13.4003	0.001	.00029
5	15.20006	15.2002	0.001	.00033
6	16.99988	16.9999	0.000	.00037
7	15.19997	15.2001	0.001	.00033
8	13.40013	13.4003	0.001	.00029
9	11.60029	11.6006	0.003	.00026
10	9.80042	9.8006	0.002	.00022
11	8.00064	8.0005	-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 Left Calibration.
Recalibration Date: 07/31/2018
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.
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