



Calibration Certificate

Accredited Calibration



Cal Cert ID: 116576

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

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Instr SN: 410004SX/651313 Out1 Min Range: 8.0000 PSI Cal Date: 08/31/2015
Instr Descr: 2400 Out1 Max Range: 17.0000 PSI Cal Time: 9:02 am
Sensor SN: 410004SX/651313 Limit of Error: 0.000 %F.S.+ 0.030 % R Cal Tech: SAMD
Procedure ID: WI02063 Pressure Type: Absolute Order Nbr: 9183

Test Points Values and Readings

Test Point #	Reference Value PSI	Measured Values PSI	Error % R	Uncertainty PSI
1	8.00495	8.0051	0.002	.00018
2	9.80471	9.8050	0.003	.00022
3	11.60437	11.6048	0.004	.00026
4	13.40411	13.4045	0.003	.00029
5	15.20388	15.2041	0.001	.00033
6	17.00360	17.0037	0.001	.00037
7	15.20378	15.2042	0.003	.00033
8	13.40398	13.4044	0.003	.00029
9	11.60427	11.6048	0.005	.00026
10	9.80456	9.8050	0.004	.00022
11	8.00482	8.0050	0.002	.00018

Measurement Standards Used in Calibration

Std Type	Serial Number	Description	Assoc. Test Reports	Recal Date
CPD 8000	10017710016/9994	DH CPD 8000	CAL ID: 92394	07/02/2016

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 +.0032 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, ANSI/NC SL Z540-1, ISO-9001:2008 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.



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I, Sam DelaRosa, 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.