mensor

Calibration Certificate
Accredited Calibration

ACCREDITED
Calibration Lab
Cert 2066.01

Cal Cert ID: 181059

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

Instr SN: 4100060E/651365
Instr Descr: CPG 2400
Sensor SN: 4100060E/651365
Sensor Descr: Silicon Pressure Transducer
Procedure ID: WI02063

Out1 Min Range: 8.0000 psi
Out1 Max Range: 17.0000 psi
Limit of Error: 0.030% R
Pressure Type: Absolute

Cal Date: 05/12/2020
Cal Time: 12:32 pm
Issue Date: 05/12/2020
Cal Tech: JUDYD
Order Nbr: 33767

Test Points Values and Readings

Test Point #	Reference Value PSI	Measured Values psi	Error % R	Uncertainty psi
1	8.00649	8.0062	-0.0036	.00018
2	9.80630	9.8061	-0.0020	.00022
3	11.60611	11.6060	-0.0010	.00026
4	13.40598	13.4058	-0.0014	.00029
5	15.20582	15.2056	-0.0015	.00033
6	17.00577	17.0054	-0.0021	.00037
7	15.20584	15.2056	-0.0016	.00033
8	13.40595	13.4058	-0.0011	.00029
9	11.60607	11.6060	-0.0006	.00026
10	9.80625	9.8062	-0.0005	.00022
11	8.00642	8.0062	-0.0028	.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

As Found Calibration.
As Left Calibration.
Recalibration Date:05-12-2021
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 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.

05-20-2021

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Prior to the as-found calibration, the zero was adjusted -0.0002 psi.

I, Judy Dosal, 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.