mensor

Calibration Certificate

Accredited Calibration

ACCREDITED
Calibration Lab
Cert 2066.01

Cal Cert ID: 109651

Cust. Name: WASHINGTON STATE PATROL
Address: 8543 ARMSTRONG RD
City: TUMWATER
State/Zip: WA 98512 US

Instr SN: 410004SW/651312
Instr Descr: 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: 01/27/2015
Cal Time: 3:13 pm
Cal Tech: EVAS
Order Nbr: 5280

Test Points Values and Readings

Test Point #	Reference Value PSI	Measured Values PSI	Error % R	Uncertainty PSI
1	7.98775	7.9878	0.001	.00020
2	9.73218	9.7325	0.003	.00024
3	11.65062	11.6512	0.005	.00029
4	13.39352	13.3941	0.004	.00033
5	15.13031	15.1309	0.004	.00038
6	17.02761	17.0280	0.002	.00043
7	15.13022	15.1306	0.003	.00038
8	13.39346	13.3939	0.003	.00033
9	11.65056	11.6509	0.003	.00029
10	9.73209	9.7323	0.002	.00024
11	7.98771	7.9877	0.000	.00020

Measurement Standards Used in Calibration

Std Type	Serial Number	Description	Assoc. Test Reports	Recal Date
DHI 7601	1191/2449/646	7601 Deadweight Tester	1500163969, 1500163925, 1311230121	07/20/2016

The combined and expanded uncertainty is reported at K=2 providing an approximate 95% confidence level.

Remarks and Notes

As Left Calibration.
An asterisk (*) denotes a measured condition where the error exceeds the maximum permissible error.
The standards and calibration program at Mensor complies with the requirements of ISO/IEC 17025, ANSI/NCSL Z540-1, ISO-9001:2008 and Mensor Quality Manual 2.0, Revision P, dated July 21, 2014.
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, 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.