



Calibration Certificate

Accredited Calibration



Cal Cert ID: 181066

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Cust. Name: WASHINGTON STATE PATROL
Address: 2715 RUDKIN ROAD
City: UNION GAP
State/Zip: WA 98903 US

Instr SN: 4100060F/651366 Out1 Min Range: 8.0000 psi
Instr Descr: CPG 2400 Out1 Max Range: 17.0000 psi
Sensor SN: 4100060F/651366 Limit of Error: 0.030% R
Sensor Descr: Silicon Pressure Transducer
Procedure ID: WI02063 Pressure Type: Absolute

Cal Date: 05/12/2020
Cal Time: 3:07 pm
Issue Date: 05/12/2020
Cal Tech: JUDYD
Order Nbr: 33794

Test Points Values and Readings

Test Point #	Reference Value PSI	Measured Values psi	Error % R	Uncertainty psi
1	8.00633	8.0063	-0.0004	.00018
2	9.80618	9.8060	-0.0018	.00022
3	11.60596	11.6057	-0.0022	.00026
4	13.40584	13.4055	-0.0025	.00029
5	15.20573	15.2052	-0.0035	.00033
6	17.00562	17.0048	-0.0048	.00037
7	15.20567	15.2052	-0.0031	.00033
8	13.40586	13.4055	-0.0027	.00029
9	11.60595	11.6057	-0.0021	.00026
10	9.80616	9.8061	-0.0006	.00022
11	8.00634	8.0063	-0.0004	.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.

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.
Prior to the as-found calibration, the zero was adjusted 0.0041 psi.

05-01-2020
JA