



Certificate of Calibration

Model: CS450- 2.9psig

Serial Number: 20010770

Accuracy (%F.S. T.E.B.): 0.1

Test Panel Location: 8

CSI Calibration Number: 160728306

Calibration Procedures: TST21872C R6 PRC33A R22

Instrument Calibration Condition

Received Disposition: In Tolerance

Returned Disposition: In Tolerance

Recommended Calibration Schedule

If the customer has not requested a calibration interval, a non-mandatory recommended interval is provided. Based on past experience and assumed normal usage, it is recommended that this instrument be calibrated in accordance with the interval stated below to insure sustained accuracy and reliable performance.

Calibration Date: 28-Jul-16

Recommended Interval: 2 years of service

Report of Calibration Standards Used

Make/Model	Serial Number	Cal. Due Date	Trace Number
Ge 7252(i)/	64219	02-Jul-18	1500201614

CSI certifies the above instrument meets or exceeds published specifications and has been calibrated using standards and instruments whose accuracies are traceable to the National Institute of Standards and Technology, an accepted value of a natural physical constant or a ratio calibration technique. The collective measurement uncertainty of the calibration process exceeds a 4:1 accuracy ratio. Policies and procedures at this facility comply with ISO-9001.

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Instrument Data Report

CS450 Pressure Output

S/N: 20010770

Accuracy (%F.S. T.E.B.): 0.1

Temperature Range: 0°C to 60°C

Test Run Results:

Pressure [kPa]	Temperature [°C]	Pressure Before [kPa]	Pressure After [kPa]	Deviation After [%F.S.]
0.0000	0.0	0.0000	-0.0001	-0.001
0.0000	20.0	N/A	-0.0010	-0.005
0.0000	30.0	0.0000	-0.0049	-0.025
0.0000	50.0	N/A	0.0054	0.027
0.0000	60.0	0.0000	0.0007	0.004
4.0000	0.0	0.0000	4.0014	0.007
4.0000	20.0	N/A	3.9945	-0.028
4.0000	30.0	0.0000	3.9944	-0.028
4.0000	50.0	N/A	4.0034	0.017
4.0000	60.0	0.0000	4.0007	0.003
8.0000	0.0	0.0000	8.0008	0.004
8.0000	20.0	N/A	7.9958	-0.021
8.0000	30.0	0.0000	7.9949	-0.025
8.0000	50.0	N/A	8.0039	0.020
8.0000	60.0	0.0000	7.9999	-0.001
12.0000	0.0	0.0000	12.0008	0.004
12.0000	20.0	N/A	11.9957	-0.021
12.0000	30.0	0.0000	11.9957	-0.021
12.0000	50.0	N/A	12.0021	0.010
12.0000	60.0	0.0000	12.0009	0.005
16.0000	0.0	0.0000	16.0013	0.007
16.0000	20.0	N/A	15.9945	-0.028
16.0000	30.0	0.0000	15.9951	-0.024
16.0000	50.0	N/A	15.9989	-0.005
16.0000	60.0	0.0000	15.9999	-0.001
20.0000	0.0	0.0000	20.0005	0.002
20.0000	20.0	N/A	19.9942	-0.029
20.0000	30.0	0.0000	19.9957	-0.022
20.0000	50.0	N/A	20.0003	0.002
20.0000	60.0	0.0000	20.0006	0.004

bars = kPa / 100.0

Ambient Conditions[%RH,°C]: 17.0, 25.0

psi = kPa * 0.145



Calibration Technician

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