

Certificate of Calibration

Model: CS451- 7.25psig

Serial Number: 70011229

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

Test Panel Location: 13

CSI Calibration Number: 150904267

Calibration Procedures: TST21872C R6 PRC33A R22

Instrument Calibration Condition

Received Disposition: N/A

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: 04-Sep-15

Recommended Interval: 2 years of service

Report of Calibration Standards Used

Make/Model	Serial Number	Cal. Due Date	Trace Number
Ge 7252(i)/	64219	28-Feb-16	64219

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

CS451 Pressure Output

S/N: 70011229

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	N/A	-0.0015	-0.003
0.0000	20.0	N/A	0.0078	0.016
0.0000	30.0	N/A	-0.0011	-0.002
0.0000	50.0	N/A	0.0103	0.021
0.0000	60.0	N/A	-0.0005	-0.001
10.0000	0.0	N/A	10.0021	0.004
10.0000	20.0	N/A	10.0056	0.011
10.0000	30.0	N/A	9.9967	-0.007
10.0000	50.0	N/A	10.0085	0.017
10.0000	60.0	N/A	10.0028	0.006
20.0000	0.0	N/A	20.0016	0.003
20.0000	20.0	N/A	20.0009	0.002
20.0000	30.0	N/A	19.9930	-0.014
20.0000	50.0	N/A	20.0088	0.018
20.0000	60.0	N/A	20.0021	0.004
30.0000	0.0	N/A	30.0022	0.004
30.0000	20.0	N/A	30.0016	0.003
30.0000	30.0	N/A	29.9973	-0.005
30.0000	50.0	N/A	30.0094	0.019
30.0000	60.0	N/A	30.0030	0.006
40.0000	0.0	N/A	40.0012	0.002
40.0000	20.0	N/A	40.0025	0.005
40.0000	30.0	N/A	39.9975	-0.005
40.0000	50.0	N/A	40.0092	0.018
40.0000	60.0	N/A	39.9977	-0.005
50.0000	0.0	N/A	49.9998	0.0000
50.0000	20.0	N/A	50.0007	0.001
50.0000	30.0	N/A	49.9983	-0.003
50.0000	50.0	N/A	50.0066	0.013
50.0000	60.0	N/A	50.0005	0.001

bars = kPa / 100.0

psi = kPa * 0.145

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

S. SCHIRADO

Calibration Technician

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