



## Certificate of Calibration

Model: CS451-14.5psig

Serial Number: 14011129

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

Test Panel Location: 5

CSI Calibration Number: 161018698

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: 18-Oct-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

## CS451 Pressure Output

S/N: 14011129

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.]
0.000	0.0	N/A	0.003	0.003
0.000	20.0	N/A	0.041	0.041
0.000	30.0	N/A	-0.006	-0.006
0.000	50.0	N/A	0.020	0.020
0.000	60.0	N/A	0.010	0.010
20.000	0.0	N/A	20.004	0.004
20.000	20.0	N/A	20.038	0.038
20.000	30.0	N/A	19.991	-0.009
20.000	50.0	N/A	20.019	0.019
20.000	60.0	N/A	20.010	0.010
40.000	0.0	N/A	40.007	0.007
40.000	20.0	N/A	40.029	0.029
40.000	30.0	N/A	39.991	-0.009
40.000	50.0	N/A	40.017	0.017
40.000	60.0	N/A	40.013	0.013
60.000	0.0	N/A	60.006	0.006
60.000	20.0	N/A	60.030	0.030
60.000	30.0	N/A	59.993	-0.007
60.000	50.0	N/A	60.018	0.018
60.000	60.0	N/A	60.012	0.012
80.000	0.0	N/A	80.005	0.005
80.000	20.0	N/A	80.023	0.023
80.000	30.0	N/A	79.996	-0.004
80.000	50.0	N/A	80.015	0.015
80.000	60.0	N/A	80.012	0.012
100.000	0.0	N/A	100.004	0.004
100.000	20.0	N/A	100.029	0.029
100.000	30.0	N/A	99.999	-0.001
100.000	50.0	N/A	100.012	0.012
100.000	60.0	N/A	100.009	0.009

bars = kPa / 100.0

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

psi = kPa \* 0.145

*S. SCHIRADO*

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Calibration Technician

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