

## *Certificate of Calibration*

Model: CS451- 7.25psig

Serial Number: 70011234

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

Test Panel Location: 3

CSI Calibration Number: 150904266

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: 70011234

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	-0.0034	-0.007
0.0000	20.0	N/A	0.0092	0.019
0.0000	30.0	N/A	0.0004	0.001
0.0000	50.0	N/A	0.0117	0.023
0.0000	60.0	N/A	-0.0019	-0.004
10.0000	0.0	N/A	9.9986	-0.003
10.0000	20.0	N/A	10.0090	0.018
10.0000	30.0	N/A	9.9985	-0.003
10.0000	50.0	N/A	10.0121	0.024
10.0000	60.0	N/A	9.9971	-0.006
20.0000	0.0	N/A	19.9991	-0.002
20.0000	20.0	N/A	20.0056	0.011
20.0000	30.0	N/A	19.9988	-0.002
20.0000	50.0	N/A	20.0103	0.021
20.0000	60.0	N/A	20.0003	0.001
30.0000	0.0	N/A	30.0001	0.000
30.0000	20.0	N/A	30.0055	0.011
30.0000	30.0	N/A	29.9949	-0.010
30.0000	50.0	N/A	30.0098	0.020
30.0000	60.0	N/A	29.9996	-0.001
40.0000	0.0	N/A	39.9983	-0.003
40.0000	20.0	N/A	40.0036	0.007
40.0000	30.0	N/A	39.9982	-0.004
40.0000	50.0	N/A	40.0105	0.021
40.0000	60.0	N/A	39.9991	-0.002
50.0000	0.0	N/A	49.9963	-0.007
50.0000	20.0	N/A	50.0046	0.009
50.0000	30.0	N/A	50.0025	0.005
50.0000	50.0	N/A	50.0098	0.020
50.0000	60.0	N/A	49.9971	-0.006

bars = kPa / 100.0

psi = kPa \* 0.145

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

*S. SCHIRADO*

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Calibration Technician

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