

MICRO PRECISION CALIBRATION, INC. 17072 Tye St, SE Suite #170 Monroe WA 98272 425-821-0902

Certificate of Calibration

Date: Jul 30, 2019

Cert No. 551220083136907

Customer:

CITY OF LAKEWOOD 9401 LAKEWOOD DR SW LAKEWOOD WA 98499

Work Order #:

STL-47780

Purchase Order #:

001597

Serial Number:

DAE040022

Department:

N/A

SOUND LEVEL METER

Performed By:

KALLE OSTHEIMER

Manufacturer:

MPC Control #:

Asset ID:

Gage Type:

IN TOLERANCE

QUEST TECHNOLOGIES

Received Condition:

Returned Condition: IN TOLERANCE

Model Number:

2100

N/A

Size:

N/A

DAE040022

Cal. Date:

July 25, 2019

Temp/RH:

68.0°F / 49.0%

Cal. Interval:

12 MONTHS

Location:

Calibration performed at MPC facility

Cal. Due Date:

July 25, 2020

Calibration Notes:

Test Points

Seq.	Description	Standard	Tolerance -	Tolerance +	As Found	As Left	UOM	Result
1	A 1 kHz @ 114 dB	114.0	113.3	114.7	114.3	114.3	dB	Passed
2	A 1 kHz @ 104 dB	104.0	103.3	104.7	104.1	104.1	dB	Passed
3	A 1 kHz @ 94 dB	94.0	93.3	94.7	94.3	94.3	dB	Passed
4	A 1 kHz @ 84 dB	84.0	83.3	84.7	84.3	84.3	dB	Passed
5	C 1 kHz @ 114 dB	114.0	113.3	114.7	114.2	114.2	dB	Passed
6	C 1 kHz @ 104 dB	104.0	103.3	104.7	104.2	104.2	dB	Passed
7	C 1 kHz @ 94 dB	94.0	93.3	94.7	94.3	94.3	dB	Passed
8	C 1 kHz @ 84 dB	84.0	83.3	84.7	84.3	84.3	dB	Passed

Standards Used to Calibrate Equipment

I.D.	Description.	Model	Serial	Manufacturer	Cal. Due Date	Traceability #
CR0694	SOUND LEVEL CALIBRATOR	1986 OMNICAL	01611	GENRAD	Jul 31, 2019	551220081463780

Calibrating Technician:

QC Approval:

Michael Hand

KALLE OSTHEIMER

MIKE BURROUGHS

ents of Pass or Fall Conformance: The uncertainty of measurement has been taken into account when det lity of false-accept does not exceed 2% in compliance with ANSI/NCSL Z540.3-2006. ing compliance with specification, as per ILAC-G8:03/2009. All measurements and test results guard banded to ensure the The status of compliance with the acceptance criteria is reported as:

The status of compliance with the acceptance criteria is reported as:
PASS - Compliant with specification:
FAIL - Not compliant with specification:
FAIL - Not compliant with specification:
FAIL - The measured value is not within the acceptance limits. However, a portion of the expanded uncertainty of measurement at 95% exceeds the specified tolerance.
PAS9* - The measured value is within acceptance limits. However, a portion of the expanded uncertainty of measurement at 95% exceeds the specified tolerance.
The expanded uncertainty of measurement is stated as the standard uncertainty of measurement in at 95% exceeds the specified tolerance.
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