Appendix H Noise Monitoring Equipment Calibration Certificate

Certificate of Calibration

for

Description:	Sound Level Meter
Manufacturer:	SVANTEK
Type No.:	971 (Serial No.: 96063)
Microphone:	ACO 7052 E (Serial No.: 78092)
Preamplifier:	SVANTEK SV 18 (Serial No.:97278)

Submitted by:

Customer:	Acuity Sustainability Consulting Limited
Address:	Unit 1908, Nos. 301-305 Castle Peak Road,
	Kwai Chung, N.T.

Upon receipt for calibration, the instrument was found to be:

\checkmark	Within
	Outside

1

the allowable tolerance.

The test equipment used for calibration are traceable to National Standards via:

- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory

Date of receipt: 28 June 2021

Date of calibration: 30 June 2021

Calibrated by: Calibration Technician

Date of issue: 30 June 2021

Certified by:

Mr. Ng Yan Wa Láboratory Manager

Page 1 of 4

Certificate No.: APJ21-030-CC001

Boom 100 Last Later and	
Room 422, Leader Industrial Centre, 57-59 Au Pui Wan Street, Fo	Tan, Shatin N T Hong Kong
Tel: (852) 2668 3423	
Homonoger http://www.ini	Fax:(852) 2668 6946
Homepage: http://www.aa-lab.com	E-mail: inquiry@aa-lab.com

1. Calibration Precaution:

۰.,

- The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 24 hours, and switched on to warm up for over 10 minutes before the commencement of the test.
- The results presented are the mean of 3 measurements at each calibration point.

2. Calibration Conditions:

2°C
hPa
3 %

3. Calibration Equipment:

	Туре	Serial No.	Calibration Report Number	Traceable to
Multifunction Calibrator	B&K 4226	2288467	AV200041	HOKLAS

4. Calibration Results

Sound Pressure Level

Reference Sound Pressure Level

Setting of Unit-under-test (UUT)			App	lied value	UUT Reading	IEC 61672 Class 1	
Range, dB	Freq.	Weighting	Time Weighting	Level, dB	Frequency, Hz		Specification, dB
20-140	dBA	SPL	Fast	94	1000	93.7	

Linearity

Sett	ing of Uni	t-under-t	est (UUT)	Ann	lied value		
			Time Weighting	Level, dB	Frequency, Hz		IEC 61672 Class Specification, dB
20-140 dBA SPL			94		93.7	Ref	
	SPL	Fast	104	1000	103.7	±0.3	
			114		113.7	±0.3	

Time Weighting

Setting of Unit-under-test (UUT)				Appl	lied value	UUT Reading	IEC 61672 Class
Range, dB	Freq. W	eighting	Time Weighting	Level, dB	Frequency, Hz		Specification, dB
20-140	dBA	SPL	Fast			93.7	
20-140	dDA SFL	Slow	94	1000	93.7	Ref	

TESTING

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Certificate No.: APJ21-030-CC001



Frequency Response

Linear Response

Sett	Setting of Unit-under-test (UUT)			Appl	Applied value		IEC 61672 Class 1
Range, dB	Freq. W	eighting	Time Weighting	Level, dB	Frequency, Hz		Specification, dB
					31.5	94.0	±2.0
					63	93.9	±1.5
					125	94.0	±1.5
					250	94.0	±1.4
20-140	dB	SPL	Fast	94	500	93.9	±1.4
					1000	93.7	Ref
					2000	93.8	±1.6
					4000	95.6	±1.6
<u> </u>					8000	92.1	+2.1; -3.1

A-weighting

Setting of Unit-under-test (UUT)			Applied value		UUT Reading,	IEC 61672 Class 1							
Range, dB	Freq. W	eighting	Time Weighting	Level, dB	Frequency, Hz		Specification, dB						
					31.5	54.7	-39.4 ±2.0						
					63	67.8	-26.2±1.5						
20-140 dBA SPL			-	125	77.9	-16.1±1.5							
				94	94	94	94	94	94	94	94	94	250
	dBA	dBA SPL	Fast										94
					1000	93.7	Ref						
					2000	95.0	$+1.2 \pm 1.6$						
					4000	96.3	$+1.0 \pm 1.6$						
					8000	91.2	-1.1 +2.1; -3.1						

C-weighting

Sett	Setting of Unit-under-test (UUT)				Applied value		IEC 61672 Class 1			
Range, dB	Freq.	Weighting	Time Weighting	Level, dB	Frequency, Hz		Specification, dB			
					31.5	90.9	-3.0 ±2.0			
					63	93.1	-0.8±1.5			
	20-140 dBC SPL		Fast	94	125	93.8	-0.2 ±1.5			
								250	94.0	-0.0 ± 1.4
20-140		SPL			500	93.9	-0.0 ±1.4			
					1000	93.7	Ref			
				2000	93.6	-0.2 ± 1.6				
				4000	94.5	-0.8 ± 1.6				
					8000	89.3	-3.0+2.1:-3.1			

Certificate No.: APJ21-030-CC001



5. Calibration Results Applied

The results apply to the particular unit-under-test only. All calibration points are within manufacture's specification as IEC 61672 Class 1.

Uncertainties of Applied Value:

94 dB	31.5 Hz	± 0.05
	63 Hz	± 0.10
	125 Hz	± 0.05
	250 Hz	± 0.05
	500 Hz	± 0.05
	1000 Hz	± 0.05
	2000 Hz	± 0.05
	4000 Hz	± 0.05
	8000 Hz	± 0.10
104 dB	1000 Hz	± 0.05
114 dB	1000 Hz	\pm 0.05

The uncertainties are evaluated for a 95% confidence level.

Note:

The values given in this certification only related to the values measured at the time of the calibration and any uncertainties quoted will not allow for the equipment long-term drift, variations with environmental changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the calibration. (A+A)*L shall not be liable for any loss or damage resulting from the use of the equipment.



Certificate No.: APJ21-030-CC001

Certificate of Calibration

for

Description:	Sound Level Meter
Manufacturer:	NTi Audio
Type No.:	XL2 (Scrial No.: A2A-13548-E0)
Microphone:	ACO 7,52 (Serial No.:73780)
Preamplifier:	NT. Audio M2211 MA220 (Serial No.:5235)
	Submitted by:
Customer:	Acu ty Sustainability Consulting Limited
Address:	Unit C, 11/F., Ford Glory Plaza, No. 37-39 Wing Hong Street,
	Cheung Sha Wan, Kowloon

Upon receipt for calibration, the instrument was found to be:

Within Outside

the allowable tole rance.

The test equipment used for collibration are traceable to National Standards via:

- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory

Date of receipt: 10 December 2020

Date of calibration: 12 December 2020

Culit rated by: Cal brain Technici in

Certified by:_

Mr. Ng Yan Wa Laboratory Manager

Date of issue: 12 December 2020

Certificate No.: 19J20-1:4 CC001

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Room 422, Leader In I	us.rial Centre,57-59 Au Pui Wan Street ,Fc	Tan, Shatin, N.T., Hong Kong
A STATE PROPERTY A	Tel: (852) 2668 3423	Fax:(852) 2668 6946
	Homepage: http://www.aa-lab.com	E-mail: inquiry@aa-lab.com

1. Calibration Precaution:

- The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 24 hours, and switched on to warm up for over 10 minutes before the commencement of the test.
- The results presented are the mean of 3 measurements at each calibration point.

23.7 °C 1006 hPa 61.8 %

Type

2. Calibration Conditions:

Air Temperature:	
Air Pressure:	
Relative Humidity:	

3. Calibration Equipment:

Multifunction	Calibrator	B&K 42.	6

Serial No.	Calibration Report Number	Traceal le to
2288467	AV200041	HOKLA 3

4. Calibration Results

Sound Pressure Level

Reference Sound Pressare Level

Set	ing of Unit-under-t	est (UUT)	Appl	ied value	UUT Reading,	IEC 61672 Class 1
Range, dB	F. eq. Weighting Tir.e Weighting		Level, ¹ B	Frequency, Hz	dB	Specification, dB
30-130	dBA SPL	Fast	94	1000	94.0	±0.4

Linearity

Setting of Unit-under-test (UUT)				Applied value		UUT Reading,	IEC 61672 Class 1
Range, dB	Freq. W	eighting	Time Weighting	Le el, 1B	Frequency, Hz	dB	Specification, dB
				94		94.0	Ref
30-130	dBA	SPL	Fast	104	1000	104.0	±0.3
				114		114.0	±0.3

Time Weighting

		Setting (i Unit-under-test (UJT)			UUT Reading,	IEC 61672 Class 1	
Range, d'5 /sre	q. Weighting	C.me Weighting	Level, dB	Frequency, Hz	dB	Specification, dB	
30-130 dI	BA SPL	Fast	94	1000	94.0	Ref	
50-130 di	DA SPL	Slow	94	1000	94.0	±0.3	

Certificate No.: 1PJ20-1 r4-CC001

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Frequency Response

Linear Response

(A+A)*L

Setting of Unit-under-test (UUT)				Appl	i d value	UUT Reading,	IEC 61672 Class 1
Range, dB	Freq. W	eighting	Time Weighting	Level, dP	Finguency, Hz	dB	Specification, dB
					31.5	94.1	±2.0
					63	94.1	±1.5
					125	94.1	±1.5
					250	94.1	+1.4
30-130	dB	SPL	Fast	94	500	94.1	±1.4
					1000	94.0	Ref
					2000	93.8	±1.6
					4000	93.4	±1 ა
					8000	92.7	+21;-3.1

A-weighting

Setting of Unit-under-test (UU1)			Applied value		UUT Reading,	IEC 61672 Class 1
Range, dB	Freq. Weighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
				31.5	54.7	-39.4 ±2.0
	\sim			63	68.0	-26.2 ±1.5
				125	7'5.0	-16.1 ±1.5
				250	85.4	-8.6±1.4
30-130	d'3A SPL	Fast	97	500	90.8	-3.2 ± 1.4
				1000	94.0	Ref
				2000	95.0	$+1.2 \pm 1.6$
				4000	94.4	$+1.0 \pm 1.6$
				8000	91.6	-1.1+2.1; -3.1

C-weighting

	Setti	ing of Unit-under-to	est (UUT)	Arpl	ied value	UUT Reading,	IEC 61672 Class 1
	Range, dB	Freq. Weighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
					31.5	91.1	-3.0 ±2.0
					63	93.3	-0.8 ±1.5
					125	93.9	-0.2 ±1.5
					250	94.1	-0.0 ± 1.4
	20-130	dBC SPL	Fast	94	500	94.1	-0.0 ± 1.4
					1000	94.0	Ref
					2000	93.7	-0.2 ±1.6
					4000	92.6	-0.8±1.6
1					8000	89.7	-3.0 +2.1: -3.1



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Certificate No.: \1PJ20-1+4-CC001

Room 422, Leader In dur trial Centre, 57-59 Au Pui Wan Street, F	To Tan, Shatin, N.T., Hong Kong
Tel: (852) 2668 3423	Fax:(852) 2668 6946
Homepage: http://www.aa-lab.com	E-mail:inquiry@aa-lab.com

5. Calibration Results Applied

The results apply to the particular unit-under-test only. All calibration points are within manufacture's specification as IEC 61672 Class 1.

Uncertainties of Applied Value:

94 dB	31.5 Hz	± 0.10
	63 Hz	± 0.15
	125 Hz	0.10
	250 Hz	+ 5.10
	500 Hz	± 0.10
	1000 Hz	± 0.05
	2000 Hz	\pm 0.05
	4000 Hz	± 0.05
	8000 Hz	± 0.10
104 dB	1000 H:	\pm 0.05
114 dB	1000 Hz	± 0.05
	and the second se	and the second

The uncertainties are evaluated for a 95% confidence level.

Note:

The values given in this certification only related to the values measured at the time of the calibration and any uncertainties quoted will not allow for the equipment long-term drift, variations with environmental changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the colibration. (A+A)*L shall not be liable for any loss or damage resulting from the use of the equipment.



Certificate No.: 1PJ20-1+4-CC001

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for

Description:	Sound Level hter
Manufacturer:	NTi
Type No.:	XL2 (Sevial No.: A24-13661-E0)
Microphone:	ACO 7052 (Serial No.: 73784)
Preamplifier:	VT [:] Audio MA220 (M2211) (Serial No.:6282)
	Submitted by:
Customer:	Acuity Sustainability Consulting Limi e l
Address:	Unit C, 11/F, Ford Glory Plaza, No. 37-39 Wing
	Hong Street, Cheung Sha Wan, Kowloon

Upon receipt for calibration, the instrument was found to be:

(A+A)*L Acoustics and Air Testing Laboratory Co. Ltd. 聲學及空氣測試實驗室有限公司

Within Outside

Ţ

the allowable toleral ce.

The test equipment used for calibration are traceable to Nation al Standards via:

- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory

Date of receipt: 22 September 2020

Date of calibration: 23 September 2023

Calibrated by: C libration Techni sian

Date of Lisur: '3 September 2020

Certified by:

Mr. Tang Cheuk Hang Quality Manager



Page 1 of 4

Certificate No.: APJ20 107-CC001

1. Calibration Precaution:

- The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 24 hours, and switched on to warm up for over 10 minutes before the commencement of the test.
- The results presented are the mean of 3 measurements at each calibration point.

2. Calibration Conditions:

Air Temperature:	24.9°C
Air Pressure:	1006 hPa
Relative Humidity:	64.5 %

3. Calibration Equipment:

	Туре	Serial No.	Calibration Report Number	Traceat le to
Multifunction Calibrator	B&K 4225	2288467	AV200041	HOKI AS

4. Calibration Results

Sound Pressure Level

Reference Sound Pressure Level

Setti 1g (f Unit-under-test (UUT)			Appl	ied value	UUT Reading,	IEC 61672 Class 1
Range, dB	Fr. q. Weighting Time weighting		Level, .'B	Frequency, Hz	dB	Specification, dB
40-140	dB _A Spr_	Fast	94	1000	94.0	±0.4

Linearity

Setting of Unit-under-test (UUT)				ied value	UUT Reading,	IEC 61672 Class 1	
Range, dB	Freq.	Weighting	Time Weighting	Level, C.B	Frequency, Hz	dB	Specification, dB
				<i>9</i> 4		94.0	Ref
30-130	dBA	SPL	Fast	104	1000	104.0	±0.3
				114		114.1	±0.3

Tinne Weighting

Settirg of Unit-under-test U ^y JT)			Appl	ied value	UUT Reading,	IEC 61672 Class 1	
kanga, dP	Freq. V	Veighting	Tine Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
30 130	dBA	SPL	Fast	94	1000	94.0	Ref
50150		51 L	Slow		1000	94.0	±0.3

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Certificate No.: APJ20 107- CC001



Frequency Response

Linear Response

Setting of Unit-under-test (UUT)			Appl	ied value	UUT Reading	IEC 61672 Class 1	
Range, dB	Freq. We	eighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
	2				31.3	9-: 3	±2.0
8					63	94.2	±1.5
			125	94.2	±1.5		
			Fast		250	94.1	±1.4
30-130	dB SPL	SPL		01	510	94.1	±1.4
				1000	94.0	Ref	
					2000	94.2	±1.6
				4000	94.9	<u>= 1.6</u>	
					8000	94.9	+2 1 -3.1

A-weighting

Setting of Unit-under-test (UUT)			Applied value UI		UUT Readi .g.	IEC 61672 Class 1		
Range, dB	Freq. Weighting	Time We'ghting	Level, dB	Frequency, Hz	dB	Specification, dB		
				31.5	54.9	-39.4 ±2.0		
	•			63	F 5.0	-26.2±1.5		
				125	78 1	-16.1±1.5		
				250	\$5.5	-8.6±1.4		
30-130	dPA SPL	Fast	9-1	500	90.9	-3.2 ± 1.4		
						1000	94.0	Ref
				2000	95.4	+1.2 ±1.6		
				4000	95.9	$+1.0\pm1.6$		
				8000	93.8	-1.1+2.1; -3.1		

C-weighting

Setti	ng of Unit-under-te	est (UUT)	Arol	ied value	UUT Reading,	IEC 61672 Class 1
Range, dB	Freq. Weighting	Time Weighting	Leve ¹ , dB	Frequency, Hz	dB	Specification, dB
				31.5	91.3	-3.0 ±2.0
				63	93.4	-0.8±1.5
				125	94.0	-0.2 ± 1.5
				250	94.1	-0.0 ± 1.4
30-120	dBC SPL	гast	94	500	94.1	-0.0±1.4
				1000	94.0	Ref
				2000	94.1	-0.2 ±1.6
				4000	94.1	-0.8±1.6
		V		8000	92.9	-3.0 +2.1: -3.1

Certificate No.: APJ20-107-CC001



Room 422,Leader In Justrial Centre,57-59 Au Pui Wan Street ,Fo Tan, Shatin,N.T.,Hong Kong Tel: (852) 2668 3423 Fax:(852) 2668 6946



5. Calibration Results Applied

The results apply to the particular unit-under-test only. All calibration points are within manufacture's specification as IEC 61672 Class 1.

Uncertainties of Applied Value:

94 dB	31.5 Hz	± 0.05
	63 Hz	±).05
	125 Hz	+ 0.05
	250 Hz	± 0.00
э.	500 Hz	± 0.05
	1000 Hz	± 0.05
	2000 Hz	\pm 0.05
	4000 Hz	± 0.05
	8000 Hz	± 0.10
104 dB	1000 Hz	± 0.05
114 dB	1000 Hz	± 0.05

The uncertainties are evaluated for a 95% confidence level.

Note:

The values given in this contification only related ω the values measured at the time of the calibration and any uncertainties quoted will not allow for the equipment long-term drift, variations with environmental changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the colibration. (A+A)*L shall not be liable for any loss or damage resulting from the use of the equipment.



Certificate No.: APJ22 15/ CC001

Certificate of Calibration

for

Description:	Sound Level Meter
Manufacturer:	SVANTEK
Type No.:	971 (Serial No.: 96062)
Microphone:	ACO 7052 E (Serial No.:78090)
Preamplifier:	SVANTEK SV 18 (Serial No.:103808)

Submitted by:

Customer:	Acuity Sustainability Consulting Limited
Address:	Unit 1908, Nos. 301-305 Castle Peak Road,
	Kwai Chung, N.T.

Upon receipt for calibration, the instrument was found to be:

✓ Within (31.5 Hz to 4k Hz)□ Outside

the allowable tolerance.

The test equipment used for calibration are traceable to National Standards via:

- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory

Date of receipt: 2 July 2021

Date of calibration: 5 July 2021

	A
Calibrated by:	Calibration Technician

Certified by: Mr. Ng Yan Wa

Date of issue: 5 July 2021

Certificate No.: APJ21-029-CC001

Mr. Ng Yan Wa Jaboratory Manager

(A+A) *L * 010 * 010 * 010 * 010

1. Calibration Precaution:

- The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 24 hours, and switched on to warm up for over 10 minutes before the commencement of the test.
- The results presented are the mean of 3 measurements at each calibration point.

2. Calibration Conditions:

Air Temperature:	24.2 °C
Air Pressure:	1004 hPa
Relative Humidity:	60.8 %

3. Calibration Equipment:

	Туре	Serial No.	Calibration Report Number	Traceable to
Multifunction Calibrator	B&K 4226	2288467	AV200041	HOKLAS

4. Calibration Results

Sound Pressure Level

Reference Sound Pressure Level

Setting of Unit-under-test (UUT)			Applied value		UUT Reading,	IEC 61672 Class 1	
Range, dB Freq. Weighting Time Weighting		Level, dB	Frequency, Hz	dB	Specification, dB		
20-140	dBA	SPL	Fast	94	1000	94.0	±0.4

Linearity

Setting of Unit-under-test (UUT)			Applied value		UUT Reading,	IEC 61672 Class 1	
Range, dB	Freq. V	Weighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
				94		94.0	Ref
20-140	dBA	SPL	Fast	104	1000	104.0	±0.3
				114		114.0	±0.3

Time Weighting

Setting of Unit-under-test (UUT)			Applied value		UUT Reading,	IEC 61672 Class 1			
Range, dB	Freq. V	Weighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB		
20-140	dBA	SPL	Fast	- 94 1	04 1000		1000	94.0	Ref
20-140	uDA	SEL	Slow		1000	94.0	±0.3		

Certificate No.: APJ21-029-CC001

age 2 of 4



Frequency Response

Linear Response

Setting of Unit-under-test (UUT)			Appl	Applied value		IEC 61672 Class 1																				
Range, dB	Freq. W	eighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB																			
					31.5	94.1	±2.0																			
					63	94.1	±1.5																			
			Fast	Fast	Fast	Fast	Fast	Fast	Fast	Fast	Fast	Fast		125	94.1	±1.5										
20-140	dB	SPL											Fast 94	250	94.1	±1.4										
20 110	uD	SIL																		Tust 94	1 ast	1 431 94	94	500	94.1	±1.4
																					1000	94.0	Ref			
					2000	93.8	±1.6																			
					4000	93.3	±1.6																			

A-weighting

Setting of Unit-under-test (UUT)		Appl	Applied value		IEC 61672 Class 1																
Range, dB	Freq.	Weighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB														
					31.5	54.9	-39.4 ±2.0														
					63	68.0	-26.2 ±1.5														
			Fast	Fast		125	78.0	-16.1±1.5													
20-140	dBA	SPL			Fast	Fast	Fast 94	250	85.4	-8.6±1.4											
20 110	uDII	5112					1 451	1 451	1 451	i ust	i ust	T ubt	i ust	Tust	i ubt	1 450	1 450	94	500	90.8	-3.2 ± 1.4
																					1000
					2000	95.0	$+1.2 \pm 1.6$														
					4000	94.3	$+1.0 \pm 1.6$														

C-weighting

Setting of Unit-under-test (UUT)			Applied value		UUT Reading,	IEC 61672 Class 1			
Range, dB	Freq. W	eighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB		
					31.5	91.1	-3.0 ±2.0		
							63	93.3	-0.8 ± 1.5
	20-140 dBC SPL	Fast	94	125	93.9	-0.2 ± 1.5			
20-140				250	94.1	-0.0 ± 1.4			
20 110	ube	51 L	T ast	94	500	94.1	-0.0 ± 1.4		
					1000	94.0	Ref		
								2000	93.6
					4000	92.5	-0.8 ± 1.6		

Certificate No.: APJ21-029-CC001

Page 3 of 4 AIR TEST

5. Calibration Results Applied

The results apply to the particular unit-under-test only. All calibration points are within manufacture's specification as IEC 61672 Class 1.

Uncertainties of Applied Value:

94 dB	31.5 Hz	± 0.15
	63 Hz	± 0.10
	125 Hz	± 0.05
	250 Hz	± 0.05
	500 Hz	± 0.05
	1000 Hz	± 0.05
	2000 Hz	± 0.05
	4000 Hz	± 0.05
104 dB	1000 Hz	± 0.05
114 dB	1000 Hz	± 0.05

The uncertainties are evaluated for a 95% confidence level.

Note:

The values given in this certification only related to the values measured at the time of the calibration and any uncertainties quoted will not allow for the equipment long-term drift, variations with environmental changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the calibration. (A+A)*L shall not be liable for any loss or damage resulting from the use of the equipment.



Certificate No.: APJ21-029-CC001



CALIBRATION CERTIFICATE

Certificate Informati	Certificate Information							
Date of Issue	20-Mar-2021	Certificate Number	MLCN210569S					
Customer Information								
Company Name	Acuity Sustainability Consulting Lim	ited						
Address	Unit C, 11/F., Ford Glory Plaza,							
	Nos. 37-39 Wing Hing Street,							
	Cheung Sha Wan, Kowloon, HK							
Equipment-under-Test (EUT)								
Description	Sound Calibrator							
Manufacturer	Svantek							
Model Number	SV 33B							
Serial Number	83042							
Equipment Number								
Calibration Particular								
Date of Calibration	20-Mar-2021							
Calibration Equipment	4231(MLTE008) / AV200063 / 23-Ju	n-23						
	1357(MLTE190) / MLEC20/05/02 / 2							
Calibration Procedure	MLCG00, MLCG15							
Calibration Conditions	Laboratory Temperature	23 °C ± 5 °C						
	Relative Humidity	55% ± 25%						
	EUT Stabilizing Time	Over 3 hours						
	Warm-up Time	Not applicable						
	Power Supply	Internal battery						
Calibration Results	Calibration data were detailed in the c	continuation pages.						
	All calibration results were within EU							
Approved By & Date								
		1						
		Ma K.O. Lo	20-Mar-2021					
Statements								
	for this calibration are traceable to national / in							
	on Certificate only relate to the values measure the EUT long term drift, variation with environm							
	nisuse, and the capacity of any other laboratory		ig transportation,					
* MaxLab Calibration Centre Limited shall not be liable for any loss or damage resulting from the use of the EUT.								
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	and canoration centre Limited.							

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Certificate No. MLCN210569S

Calibration Data	THE REAL PROPERTY.			
EUT Setting	Standard Reading	EUT Error	Calibration Uncertainty	EUT Specification
114 dB	114.0 dB	0.0 dB	0.15 dB	± 0.3 dB
		- END -		
Calibrated By : Date :	Dan 20-Mar-21		Checked Date :	K.O. Lo 20-Mar-21
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