

File No. MA16034/05/0042

Project No.	AM1 - Tin Hau	Temple					
Date:	12-J	un-23	Next Due Date:	: 13-Aug-23		Operator:	SK
Equipment No.:	A-0	01-05	Model No.:	GS2310		Serial No.	10599
			Ambient C				
Tarrananatar	To (V)	202.2	Ambient C			751.5	
Temperatur	re, 1a (K)	303.2	Pressure, Pa	(mmHg)		751.5	
		Or	ifice Transfer Star	ndard Informa	ation		
Serial No. 3864			Slope, mc	0.05928	Intercept	t, bc	-0.03491
Last Calibra	ation Date:	16-Jan-23	r	nc x Qstd + bo	$c = [\Delta H \times (Pa/760)]$	) x (298/Ta)] <sup>1/2</sup>	
Next Calibra	ation Date:	16-Jan-24	(	$Qstd = \{[\Delta H x ] \}$	(Pa/760) x (298/	<b>Γa)]<sup>1/2</sup> -bc} / m</b> α	;
	[		Calibration of Z	<b>FSP Sampler</b>			
Calibration	ALL (omifica)		fice	Oatd (CEM)	AW (TIVO)	HVS	$(200/T_{1})^{1/2}$
Point	$\Delta H$ (orifice), in. of water	[ΔH x (Pa/76	50) x $(298/Ta)$ ] <sup>1/2</sup>	Qstd (CFM) X - axis	$\Delta W$ (HVS), in. of water		0) x (298/Ta)] <sup>1/2</sup> axis
1	13.0		3.55	60.55	9.6	3	.05
2	10.1		3.13	53.44	7.1	2	.63
3	7.4		2.68	45.83	5.1	2	.23
4	5.5		2.31		3.2	1	.76
5	3.0		1.71	29.39	1.6	1	.25
Correlation	0.0586 coefficient* =	_	.9986	Intercept, bw =	-0.498	3	
			Set Point Ca	alculation			
From the TSP Fi	eld Calibration	Curve, take Qstd	= 43 CFM				
From the Regres	sion Equation, t	he "Y" value acco	ording to				
		mw x Q	$\mathbf{\hat{b}}\mathbf{x} = [\Delta \mathbf{W} \mathbf{x}]$	(Pa/760) x (29	<b>98/Ta</b> )] <sup>1/2</sup>		
Therefore, Se	et Point; W = ( n	nw x Qstd + bw )	<sup>2</sup> x (760 / Pa) x (7	Γa / 298 ) =	4.21		
Remarks:							
Conducted by:	Wong Sl	ning Kwai	Signature:	K	火.	Date:	12-Jun-23
Checked by:	Henry	/ Leung	Signature:	-lem	J Xron J	Date:	12-Jun-23



#### File No. MA16034/08/0042

Project No.	AM2 - Sai Tso	Wan Recreation					
Date:	12-Jun-23		Next Due Date:	Date: 13-Aug-23		Operator:	SK
Equipment No.:	A-0	1-08	Model No.:	.: GS2310		Serial No.	1287
				~			
Tomata	т. Т. (V)	202.2	Ambient (			7515	
Temperatur	e, 1a (K)	303.2	Pressure, Pa	a (mmHg)		751.5	
		Or	ifice Transfer Sta	ndard Informa	ation		
Serial No. 3864			Slope, mc	0.05928	Intercept	t, bc	-0.03491
Last Calibra	tion Date:	16-Jan-23			$c = [\Delta H x (Pa/760)]$		
Next Calibra	ation Date:	16-Jan-24		$\mathbf{Qstd} = \{ [\Delta \mathbf{H} \mathbf{x} ] \}$	(Pa/760) x (298/7	Γa)] <sup>1/2</sup> -bc} / n	nc
		-	Calibration of	TSP Sampler		111/0	
Calibration	$\Delta H$ (orifice),		fice	Qstd (CFM)	ΔW (HVS), in.	HVS	(60) x (298/Ta)] <sup>1/2</sup>
Point	in. of water	[ΔH x (Pa/76	60) x (298/Ta)] <sup>1/2</sup>	X - axis	of water		<b>Y-axis</b>
1	13.2		3.58	61.01	9.1		2.97
2	10.3		3.16	53.96	6.7		2.55
3	7.5		2.70	46.13	5.0		2.20
4	5.2		2.25		3.3		1.79
5	3.0		1.71	29.39	1.7		1.29
		-					
By Linear Regr Slope , mw =		<b>X</b>		Intercent by	-0.248	20	
•	coefficient* =	- 0	.9992	Intercept, bw	-0.240		
*If Correlation C				-			
		,					
			Set Point C	alculation			
From the TSP Fi	eld Calibration (	Curve, take Qstd	= 43 CFM				
From the Regress	sion Equation, th	ne "Y" value acco	ording to				
		mw x Q	$Q$ std + bw = [ $\Delta W$ 2	x (Pa/760) x (29	98/Ta] <sup>1/2</sup>		
Therefore, Se	et Point; W = ( m	nw x Qstd + bw )	<sup>2</sup> x ( 760 / Pa ) x (	Ta / 298 ) =	4.17		
Remarks:							
•							
				Ь			
Conducted by:	Wong Sh	ning Kwai	Signature	: <u> </u>	火-	Date:	12-Jun-23
					- Xm		
Checked by:	Henry	Leung	Signature	: them	- may	Date:	12-Jun-23

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File No. MA16034/03/0042

Project No. AM3 - Yau Lai Estate, Bik Lai House							
Date:	12 <b>-</b> J	un-23	Next Due Date: 12-A		Aug-23	Operator:	SK
Equipment No.:	A-0	1-03	Model No.:	GS2310		Serial No.	10379
			Ambient C	ondition			
Temperatu	re, Ta (K)	303.2	Pressure, Pa			751.5	
•	· · · ·			( <u> </u>			
		Or	ifice Transfer Star	ndard Informa	ation		
Serial	No.	3864	Slope, mc	0.05928	Intercept		-0.03491
Last Calibra	tion Date:	16-Jan-23			$d + bc = [\Delta H x (Pa/760) x (298/Ta)]^{1/2}$		
Next Calibra	ation Date:	16-Jan-24	(	$Qstd = \{ [\Delta H x] \}$	(Pa/760) x (298/	Γa)] <sup>1/2</sup> -bc} / mo	:
			Calibration of T	<b>FSP Sampler</b>			
Calibration		01	fice	Qstd (CFM)		HVS	
Point	$\Delta H$ (orifice), in. of water	[ΔH x (Pa/76	[ΔH x (Pa/760) x (298/Ta)] <sup>1/2</sup>		$\Delta W$ (HVS), in. of water		0) x (298/Ta)] <sup>1/2</sup> • <b>axis</b>
1	12.8		3.53	60.09	8.7	2	91
2	10.1		3.13		6.5	2	2.51
3	8.0		2.79		4.7	2	
4	5.0		2.20		3.0	1	.71
5	2.7		1.62	27.91	1.7	1	.29
1 /	0.0501 coefficient* =	0	<b>.9957</b> calibrate.	intercept, bw =	-0.161	7	
Enous the TSD E	ald Calibration (	Comune dallas Octal	Set Point Ca	alculation			
From the TSP Fi		-					
From the Regres	sion Equation, t	ne "Y" value acc	braing to				
		mw x Q	$std + bw = [\Delta W x]$	(Pa/760) x (29	$98/Ta)]^{1/2}$		
Therefore, Se	et Point; W = ( n	nw x Qstd + bw )	<sup>2</sup> x ( 760 / Pa ) x ( 7	Γa / 298 ) =	4.08		
Remarks:							
Conducted by:	Wong Sh	ning Kwai	Signature:	K	火.	Date:	12-Jun-23
Checked by:	Henry	Leung	Signature:	-lem	1 dran	Date:	12-Jun-23

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File No. MA16034/05/0043

Project No.	AM1 - Tin Hau	Temple					
Date:	Date: 12-Aug-23		Next Due Date:	12-Oct-23	Operator:	SK	
Equipment No.:	A-0	1-05	Model No.:	GS2310	Serial No.	10599	
			Ambient Condit	ion			
Temperature, Ta (K)		302	Pressure, Pa (mm	Pressure, Pa (mmHg) 752.7			

Orifice Transfer Standard Information								
Serial No.         3864         Slope, mc         0.05928         Intercept, bc         -0.03491								
Last Calibration Date:	16-Jan-23	mc x Qstd + bc = $[\Delta H x (Pa/760) x (298/Ta)]^{1/2}$						
Next Calibration Date:								

Calibration of TSP Sampler							
Calibration		Orfice		HVS			
Point	$\Delta H$ (orifice), in. of water	$[\Delta H x (Pa/760) x (298/Ta)]^{1/2}$	Qstd (CFM) X - axis	$\Delta W$ (HVS), in. of water	$[\Delta W \ x \ (Pa/760) \ x \ (298/Ta)]^{1/2}$ Y-axis		
1	13.2	3.59	61.18	9.2	3.00		
2	10.6	3.22	54.88	7.0	2.62		
3	7.5	2.71	46.26	5.0	2.21		
4	5.5	2.32	39.70	3.0	1.71		
5	3.0	1.71	29.47	1.6	1.25		
By Linear Regression of Y on X Slope , mw = <u>0.0557</u> Intercept, bw : <u>-0.4223</u> Correlation coefficient* = <u>0.9973</u>							
		), check and recalibrate.	-				
ii conclution c		, check and recambrate.					
		Set Point C	alculation				
From the TSP Fi	eld Calibration Cu	urve, take Qstd = 43 CFM					
From the Regres	sion Equation, the	"Y" value according to					
		$\mathbf{mw} \mathbf{x} \mathbf{Qstd} + \mathbf{bw} = [\Delta \mathbf{W} \mathbf{x}]$	x (Pa/760) x (29	98/Ta)] <sup>1/2</sup>			
Therefore, Se	et Point; W = ( mw	$(x + bw)^2 x (760 / Pa) x (760 / Pa)$	Ta / 298 ) =	3.99			
Remarks:							
Conducted by:	Wong Shi	ng Kwai Signature:	K	火.	Date: 12-Aug-23		
Checked by:	Henry I	_eung Signature:	-lem	3/- 	Date: 12-Aug-23		



File No. MA16034/08/0043

Project No.	AM2 - Sai Tso						
Date:	12-7	Aug-23	Next Due Date:	12-Oct-23	Operator:	SK	
Equipment No.:	uipment No.: A-		Model No.: GS2310		Serial No.	1287	
Temperature, Ta (K)		302	Ambient Condit Pressure, Pa (mml		752.7		

Orifice Transfer Standard Information							
Serial No.         3864         Slope, mc         0.05928         Intercept, bc         -0.03491							
Last Calibration Date:	16-Jan-23	mc x Qstd + bc = $[\Delta H x (Pa/760) x (298/Ta)]^{1/2}$					
Next Calibration Date:	Next Calibration Date: 16-Jan-24 $Qstd = \{ [\Delta H \ x \ (Pa/760) \ x \ (298/Ta) ]^{1/2} - bc \} / mc$						

Calibration of TSP Sampler								
Calibration		Orfice			HVS			
Point	$\Delta H$ (orifice), in. of water	$[\Delta H x (Pa/760) x (298/Ta)]^{1/2}$	Qstd (CFM) X - axis	$\Delta W$ (HVS), in. of water	$[\Delta W \ x \ (Pa/760) \ x \ (298/Ta)]^{1/2}$ Y-axis			
1	13.3	3.61	61.41	9.0	2.97			
2	10.4	3.19	54.37	6.6	2.54			
3	7.6	2.73	46.56	4.9	2.19			
4	5.3	2.28	38.98	3.2	1.77			
5	3.0	1.71	29.47	1.7	1.29			
By Linear Regression of Y on X Slope , mw = <u>0.0520</u> Intercept, bw : <u>-0.2500</u> Correlation coefficient* = <u>0.9993</u> *If Correlation Coefficient < 0.990, check and recalibrate.								
Set Point Calculation         From the TSP Field Calibration Curve, take Qstd = 43 CFM         From the Regression Equation, the "Y" value according to         mw x Qstd + bw = $[\Delta W x (Pa/760) x (298/Ta)]^{1/2}$ Therefore, Set Point; W = ( mw x Qstd + bw ) <sup>2</sup> x ( 760 / Pa ) x ( Ta / 298 ) =								
Remarks:								
	Wong Shi	ng Kwai Signature	: :lem	y X-	Date: 12-Aug-23 Date: 12-Aug-23			

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File No. MA16034/03/0043

Project No.	AM3 - Yau La	i Estate, Bik Lai						
Date:	12-4	Aug-23	Next Due Date:	12-Oct-23	Operator:	SK		
Equipment No.:	A-	-01-03 Model No.:		GS2310	2310 Serial No.			
			Ambient Conditi	on				
Temperature, Ta (K)		302	Pressure, Pa (mmH	[g)	752.7			

Orifice Transfer Standard Information								
Serial No.         3864         Slope, mc         0.05928         Intercept, bc         -0.03491								
Last Calibration Date:	16-Jan-23	mc x Qstd + bc = $[\Delta H x (Pa/760) x (298/Ta)]^{1/2}$						
Next Calibration Date:								

Calibration of TSP Sampler								
Calibration		Orfice			HVS			
Point	ΔH (orifice), in. of water	$[\Delta H x (Pa/760) x (298/Ta)]^{1/2}$	Qstd (CFM) X - axis	$\Delta W$ (HVS), in. of water	$[\Delta W \ x \ (Pa/760) \ x \ (298/Ta)]^{1/2}$ Y-axis			
1	12.9	3.55	60.48	8.6	2.90			
2	10.2	3.16	53.85	6.4	2.50			
3	8.2	2.83	48.34	4.6	2.12			
4	5.2	2.25	38.62	2.9	1.68			
5	2.8	1.65	28.49	1.7	1.29			
By Linear Regression of Y on X Slope , mw = 0.0502 Intercept, bw : -0.2100 Correlation coefficient* = 0.9934								
*If Correlation Coefficient < 0.990, check and recalibrate.								
		Set Point C	alculation					
From the TSP Fi	eld Calibration Cu	urve, take Qstd = 43 CFM						
From the Regres	sion Equation, the	"Y" value according to						
Therefore, Se	et Point; W = ( mv	$\mathbf{mw} \mathbf{x} \mathbf{Qstd} + \mathbf{bw} = [\Delta \mathbf{W} \mathbf{x}]$ v x Qstd + bw ) <sup>2</sup> x ( 760 / Pa ) x ( 7						
Remarks:	Remarks:							
Conducted by:	Wong Shi	ng Kwai Signature:	K	火.	Date: 12-Aug-23			
Checked by:	Henry I	Leung Signature:	-lem	J J. X. ~ J.	Date: 12-Aug-23			



File No. MA20003/55/020

Project No.	CKL 2 - Flat 10	3 Cha Kwo Ling	Village			-	
Date:	4-Ju	1-23	Next Due Date:	4-5	Sep-23	Operator:	SK
Equipment No.:	A-0	1-55			E 5170		1956
			Ambient C	ondition			
Temperatur	re, Ta (K)	302.3	Pressure, Pa	(mmHg)		756.6	
		Ori	fice Transfer Sta	ndard Inform	ation		
Serial	No.	3864	Slope, mc	0.05928	Intercept	t, bc	-0.03491
Last Calibra		16-Jan-23			$c = [\Delta H \times (Pa/760)]$		
Next Calibra	ation Date:	16-Jan-24		$Qstd = \{ [\Delta H x] \}$	(Pa/760) x (298/2	Га)] <sup>1/2</sup> -bc} / 1	nc
			Calibration of				
		Or	Calibration of '	ISP Sampler		HVS	
Calibration Point	$\Delta H$ (orifice), in. of water		0) x $(298/Ta)$ ] <sup>1/2</sup>	Qstd (CFM) X - axis	$\Delta W$ (HVS), in. of water	[ΔW x (Pa/7	760) x (298/Ta)] <sup>1/2</sup> <b>Y-axis</b>
1	12.9		3.56	60.61	9.8		3.10
2	10.9		3.27	55.76	7.8		2.77
3	8.8	,	2.94	50.16	6.0		2.43
4	5.0	,	2.22	37.96	2.8		1.66
5	3.0		1.72	29.53	1.7		1.29
By Linear Regr Slope , mw = Correlation ( *If Correlation C	0.0589 coefficient* =	0	9977	Intercept, bw = -	-0.505	59	
From the TSP Fi From the Regres	sion Equation, th	ne "Y" value acco mw x Q		x (Pa/760) x (29	98/Ta)] <sup>1/2</sup> 4.18		
Remarks:	a i omi, w – ( m	w x Qsiu + 0w )	x (700/1a)x (	14 / 290 ) -			
Remarks:         Conducted by:       Wong Shing Kwai       Signature:       M       Date: 4-Jul-23         Checked by:       Henry Leung       Signature:       Leiner March 2007       Date: 4-Jul-23							



### **Certificate of Calibration**

It is certified that the item under calibration has been calibrated by corresponding calibrated High Volume Sampler

Description:	Digital Dust Indicator		Date	of Calibration	31-Jul-23	
Manufacturer:	Sibata Scientific Technology LTD.	_	Validity of Calibi	ation Record	30-Sep-23	
Model No.:	LD-5R					
Serial No.:	972779					
Equipment No.:	SA-01-08	Sensitivity	0.001 mg/m3	_		
High Volume Sa	ampler No.: A-01-03	Before Sensitiv	vity Adjustment	744 CPM		
Tisch Calibratio	on Orifice No.: 3864	After Sensitivi	ty Adjustment	744 CPM		
	Ca	libration of 1 h	r TSP			
Calibration	Laser Dust Monitor	1		HVS		
Point	Mass Concentration (µg/	·			oncentration ( $\mu g/m^3$ )	
	X-axis			Y-axis		
1	71.0		138.0			
2	60.0		118.0			
3	52.0			98.0		
Average	61.0			118.0		
By Linear Reg Slope , mw = Correlation c			cept, bw =	-9.3626		
	Se	t Correlation F	actor			
Particaulate Con	ncentration by High Volume Sampler (	$(\mu g/m^3)$		118.0		
Particaulate Con	ncentration by Dust Meter ( $\mu g/m^3$ )		61.0			
Measureing time	e, (min)		60.0			
Set Correlation	Factor, SCF					
SCF = [ K=Hig	gh Volume Sampler / Dust Meter, (µ	g/m3) ]	1.9			

In-house method in according to the instruction manual:

The Dust Monitor was compared with a calibrated High Volume Sampler and The result was used to generate the Correlation Factor (CF) between the Dust Monitor and High Volume Sampler.

Those filter papers are weighted by HOKLAS laboratory (HPCT Litimed)

Calibrated by:



### **Certificate of Calibration**

It is certified that the item under calibration has been calibrated by corresponding calibrated High Volume Sampler

Description:	Digital Dust Indicator	Date	of Calibration	31-Jul-23	
Manufacturer:	Sibata Scientific Technology LTD.	Validity of Calib	oration Record	30-Sep-23	
Model No.:	LD-5R				
Serial No.:	972780				
Equipment No.:	SA-01-09	Sensitivity 0.001 mg/m3	_		
High Volume Sa	ampler No.: <u>A-01-03</u>	Before Sensitivity Adjustment	739 CPM		
Tisch Calibration	n Orifice No.: <u>3864</u>	After Sensitivity Adjustment	739 CPM		
	Ca	libration of 1 hr TSP			
Calibration	Laser Dust Monitor		HVS		
Point	Mass Concentration (µg/n <b>X-axis</b>	m3) Ma	Mass concentration (µg/m <sup>3</sup> ) <b>Y-axis</b>		
1	73.0		140.0		
2	63.0		120.0		
3	52.0		99.0		
Average	62.7		119.7		
By Linear Regr Slope , mw = Correlation co	ression of Y on X <u>1.9517</u> pefficient* = <u>0.9999</u>	Intercept, bw =	-2.6375		
	Se	t Correlation Factor			
Particaulate Con	centration by High Volume Sampler (	$(\mu g/m^3)$	119.7		
Particaulate Con	centration by Dust Meter ( $\mu g/m^3$ )		62.7		
Measureing time	e, (min)		60.0		
Set Correlation F	Factor, SCF				

In-house method in according to the instruction manual:

SCF = [ K=High Volume Sampler / Dust Meter, (µg/m3) ]

The Dust Monitor was compared with a calibrated High Volume Sampler and The result was used to generate the Correlation Factor (CF) between the Dust Monitor and High Volume Sampler.

Those filter papers are weighted by HOKLAS laboratory (HPCT Litimed)

Calibrated by:

Approved by: \_\_\_\_\_ Kang

Technical Officer (Wong Shing Kwai)

Project Manager (Henry Leung)

1.9



### **Certificate of Calibration**

It is certified that the item under calibration has been calibrated by corresponding calibrated High Volume Sampler

Description:	Digital Dust Indicator		Date	of Calibration	31-Jul-23
Manufacturer:	Sibata Scientific Technology LTD.	_	Validity of Calibi	ration Record	30-Sep-23
Model No.:	LD-5R				
Serial No.:	972781				
Equipment No.:	SA-01-10	Sensitivity	0.001 mg/m3	_	
High Volume Sa	ampler No.: A-01-03	Before Sensitiv	vity Adjustment	734 CPM	
Tisch Calibratio	on Orifice No.: 3864	After Sensitivi	ty Adjustment	734 CPM	
	Ca	libration of 1 h	r TSP		
Calibration	Laser Dust Monitor	•		HVS	
Point	Mass Concentration (µg/	m3)	Mass concentration ( $\mu g/m^3$ )		ıg/m <sup>3</sup> )
	X-axis			Y-axis	
1	80.5		132.0		
2	70.0		114.0		
3	59.0			97.0	
Average	69.8			114.3	
By Linear Reg Slope , mw = Correlation c			cept, bw =	0.6968	
	Se	t Correlation Fa	actor		
Particaulate Con	ncentration by High Volume Sampler (	$(\mu g/m^3)$		114.3	
Particaulate Concentration by Dust Meter ( $\mu g/m^3$ )			69.8		
Measureing time	e, (min)		60.0		
Set Correlation	Factor, SCF				
SCF = [ K=Hig	gh Volume Sampler / Dust Meter, (µ	g/m3) ]	1.6		

In-house method in according to the instruction manual:

The Dust Monitor was compared with a calibrated High Volume Sampler and The result was used to generate the Correlation Factor (CF) between the Dust Monitor and High Volume Sampler.

Those filter papers are weighted by HOKLAS laboratory (HPCT Litimed)

Calibrated by:

Approved by: \_\_\_\_\_

Project Manager (Henry Leung)



#### **Certificate of Calibration**

It is certified that the item under calibration has been calibrated by corresponding calibrated High Volume Sampler

Description:	Laser Dust Monitor			Date of Calibration			31-Jul-23
Manufacturer:	Sibata Scientif	ic Technology LTD.			Validity of Calibra	tion Record	30-Sep-23
Model No.:	LD-3B	-					
Serial No.:	2Y6194	-					
Equipment No.:	SA-01-02		Sensit	ivity _	0.001 mg/m3		
High Volume Sa	ampler No.:	A-01-03	Before	e Sensit	ivity Adjustment	578	
Tisch Calibration	n Orifice No.:	3864	After S	Sensitiv	vity Adjustment	578	
			Calibration of 2	1 hr TS	SP		
Calibration		Laser Dust Mo	nitor			HVS	
Point	Total Count		Count / Minute X-axis		Mass concentration (µg/m <sup>3</sup> ) <b>Y-axis</b>		ug/m <sup>3</sup> )
1	4100		73.0		138.0		
2	3700	ļ	64.0			120.0	
3	3000	<b> </b>	53.0		99.0		
Aver	rage	<u> </u>	63.3	119.0			
By Linear Regr Slope , mw =				Inter	cept, bw =	-4.4053	<u>.</u>
Correls	ation coefficien	t* =	0.9999				
Set Correlation I SCF = [ K=Hig		pler / Dust Meter, ( )	μg/m3) ]	-	1.9		

In-house method in according to the instruction manual:

The Dust Monitor was compared with a calibrated High Volume Sampler and The result was used to generate the Correlation Factor (CF) between the Dust Monitor and High Volume Sampler.

Those filter papers are weighted by HOKLAS laboratory (HPCT Limited)

Calibrated by:

Approved by: leng the Project Manager (Henry Leung)



### **Certificate of Calibration**

It is certified that the item under calibration has been calibrated by corresponding calibrated High Volume Sampler

Description:	Digital Dust Indicator		Date	of Calibration	31-Jul-23
Manufacturer:	Sibata Scientific Technology LTD.	_	Validity of Calibi	ration Record	30-Sep-23
Model No.:	LD-5R				
Serial No.:	8Y2373				
Equipment No.:	SA-01-05	Sensitivity	0.001 mg/m3	_	
High Volume Sa	ampler No.: A-01-03	Before Sensitiv	vity Adjustment	657	
Tisch Calibratio	on Orifice No.: <u>3864</u>	After Sensitivit	y Adjustment	657	
	Ca	alibration of 1 hr	TSP		
Calibration	Laser Dust Monitor	r		HVS	
Point	Mass Concentration (µg/ <b>X-axis</b>	/m3)	Mass concentration (µg/m <sup>3</sup> ) <b>Y-axis</b>		
1	74.0		135.0		
2	65.0		116.0		
3	54.0		98.0		
Average	64.3		116.3		
By Linear Reg Slope , mw = Correlation c			ept, bw =	-2.1811	
	Se	et Correlation Fa	ictor		
Particaulate Cor	ncentration by High Volume Sampler (	$(\mu g/m^3)$	116.3		
Particaulate Cor	ncentration by Dust Meter ( $\mu g/m^3$ )		64.3		
Measureing time	e, (min)			60.0	
Set Correlation	Factor, SCF				
SCF = [ K=Hig	gh Volume Sampler / Dust Meter, (μ	.g/m3) ]	1.8		

In-house method in according to the instruction manual:

The Dust Monitor was compared with a calibrated High Volume Sampler and The result was used to generate the Correlation Factor (CF) between the Dust Monitor and High Volume Sampler.

Those filter papers are weighted by HOKLAS laboratory (HPCT Litimed)

Calibrated by:

Approved by: lemy they

Project Manager (Henry Leung)



### **Certificate of Calibration**

It is certified that the item under calibration has been calibrated by corresponding calibrated High Volume Sampler

Description:	Digital Dust Indicator		Date	of Calibration	31-Jul-23
Manufacturer:	Sibata Scientific Technology LTD.	_	Validity of Calibr	ration Record	30-Sep-23
Model No.:	LD-5R				
Serial No.:	972777				
Equipment No.:	SA-01-06	Sensitivity	0.001 mg/m3		
High Volume Sa	ampler No.: A-01-03	Before Sensiti	vity Adjustment	645	
Tisch Calibratio	on Orifice No.: <u>3864</u>	After Sensitivi	ity Adjustment	645	
	Ca	libration of 1 h	r TSP		
Calibration	Laser Dust Monitor			HVS	
Point	Mass Concentration (µg/ <b>X-axis</b>	(m3)	Mass concentration (µg/m <sup>3</sup> ) <b>Y-axis</b>		
1	71.0		137.0		
2	63.0		118.0		
3	51.0			98.0	
Average	61.7		117.7		
	ression of Y on X 		cept, bw =	-1.2039	
	Se	et Correlation F	actor		
Particaulate Cor	ncentration by High Volume Sampler (	$(\mu g/m^3)$		117.7	
Particaulate Concentration by Dust Meter ( $\mu g/m^3$ )			61.7		
Measureing time	e, (min)			60.0	
Set Correlation	Factor, SCF				
SCF = [ K=Hig	h Volume Sampler / Dust Meter, (μ	g/m3) ]	1.9		

In-house method in according to the instruction manual:

The Dust Monitor was compared with a calibrated High Volume Sampler and The result was used to generate the Correlation Factor (CF) between the Dust Monitor and High Volume Sampler.

Those filter papers are weighted by HOKLAS laboratory (HPCT Litimed)

Calibrated by:

Approved by: en the

Project Manager (Henry Leung)



### **Certificate of Calibration**

It is certified that the item under calibration has been calibrated by corresponding calibrated High Volume Sampler

Description:	Digital Dust Indicator		Date of Calibration	n 31-Jul-23	
Manufacturer:	Sibata Scientific Technology LTD.	_	Validity of Calibration Record	30-Sep-23	
Model No.:	LD-5R				
Serial No.:	972778				
Equipment No.:	SA-01-07	Sensitivity	0.001 mg/m3		
High Volume Sa	ampler No.: A-01-03	Before Sensitiv	vity Adjustment 735 CPM	_	
Tisch Calibratio	on Orifice No.: 3864	After Sensitivi	ty Adjustment 735 CPM	_	
	Ca	libration of 1 h	r TSP		
Calibration	Laser Dust Monitor	•	HVS		
Point	Mass Concentration (µg/	m3)	Mass concentration ( $\mu g/m^3$ )		
	X-axis		Y-axis		
1	70.0		137.0		
2	61.0		119.0	1	
3	50.0		98.0		
Average	60.3		118.0		
By Linear Regi Slope , mw = Correlation co			cept, bw =0.4	4402	
	Se	t Correlation F	actor		
Particaulate Cor	ncentration by High Volume Sampler (	$(\mu g/m^3)$	118.0		
Particaulate Cor	ncentration by Dust Meter ( $\mu g/m^3$ )		60.3		
Measureing time	e, (min)		60.0		
Set Correlation	Factor, SCF				
SCF = [ K=Hig	h Volume Sampler / Dust Meter, (به	g/m3)	2.0		

In-house method in according to the instruction manual:

The Dust Monitor was compared with a calibrated High Volume Sampler and The result was used to generate the Correlation Factor (CF) between the Dust Monitor and High Volume Sampler.

Those filter papers are weighted by HOKLAS laboratory (HPCT Litimed)

Calibrated by:

Approved by: 1 an

Project Manager (Henry Leung)



RECALIBRATION

**DUE DATE:** 

January 16, 2024

Certificate of Calibration

			Calibration					014
Cal. Date:	January 16, 2023 Rootsmete			meter S/N:	438320	Ta: 293		℃К
Operator:	Jim Tisch					Pa:	749.0	mm Hg
Calibration	Model #:	TE-5025A	Calib	prator S/N:	3864			
		Vol. Init	Vol. Final	ΔVol.	ΔTime	ΔΡ	ΔΗ	1
	Run	(m3)	(m3)	(m3)	(min)	(mm Hg)	(in H2O)	
	1	1	2	1	1.4440	3.2	2.00	1
	2	3	4	1	1.0220	6.4	4.00	
	3	5	6	1	0.9100	8.0	5.00	
	4	7	8	1	0.8710	8.8	5.50	
	5	9	10	1	0.7210	12.8	8.00	
			[	Data Tabula	tion			]
	Vstd	Qstd	√∆H( <u>Pa</u> Pstd	)( <u>Tstd</u> ) Ta)		Qa	$\sqrt{\Delta H(Ta/Pa)}$	
	(m3)	(x-axis)	(y-ax	is)	Va	(x-axis)	(y-axis)	
	0.9981	0.6912	1.41	59	0.9957	0.6896	0.8845	
	0.9938	0.9724	2.00	24	0.9915	0.9701	1.2509	
	0.9917	1.0898	2.23	88	0.9893	1.0872	1.3985	
	0.9906	1.1373	2.34	80	0.9883	1.1346	1.4668	
	0.9853	1.3665	2.83		0.9829	1.3633	1.7690	
		m=	2.094			m=	1.31155	
	QSTD	b=	-0.034		QA	b=	-0.02182	
		r=	0.999	995		ľ=	0.99995	
				Calculatio				
			)/Pstd)(Tstd/Ta	a)	Va= \DVol((Pa-DP)/Pa)			
	Qstd=	Vstd/∆Time			-	Va/∆Time		
			For subsequ	ient flow ra	te calculatio	ns:		
	Qstd=	1/m(( √∆H(	Pa <u>Tstd</u> Pstd Ta	-))-ь)	Qa=	1/m ((√∆H	l(Ta/Pa))-b)	
		Conditions						
Tstd						RECA	LIBRATION	
Pstd		mm Hg			US FPA rec	ommends a	nnual recalibratio	on ner 1999
AH: calibrat		Key ter reading (i	n H2O)				Regulations Part !	
		eter reading					, Reference Meth	
		perature (°K)					ended Particulat	
		ressure (mm				•	ere, 9.2.17, page	
b: intercept						c Autospite	, J.z.z/, page	
m: slope								

# CIN@TECH 🤳

### **Certificate of Calibration - Wind Monitoring Station**

Description:	Yau Lai Estate, Bik Lai House
Manufacturer:	Davis Instruments
Model No.:	<u>Davis7440</u>
Serial No.:	<u>MC01010A44</u>
Equipment No.:	<u>SA-03-04</u>
Date of Calibration	<u>18-Aug-2023</u>
Next Due Date	<u>18-Feb-2024</u>

#### 1. Performance check of Wind Speed

Wind Sp	beed, m/s	Difference D (m/s)
Wind Speed Reading (V1)	Anemometer Value (V2)	D = V1 - V2
0.0	0.0	0.0
1.5	1.5	0.0
2.5	2.4	0.1
4.0	3.9	0.1

#### 2. Performance check of Wind Direction

Wind Di	rection (°)	Difference D (°)
Wind Direction Reading (W1)	Marine Compass Value (W2)	$\mathbf{D} = \mathbf{W1} - \mathbf{W2}$
0	0	0.0
90	90	0.0
180	180	0.0
270	270	0.0

**Test Specification:** 

1. Performance Wind Speed Test - The wind meter was on-site calibrated against the anemometer

2. Performance Wind Direction Test - The wind meter was on-site calibrated against the marine compass at four direction

# CINGTECH

### **Certificate of Calibration - Wind Monitoring Station**

Description:	Yau Lai Estate, Bik Lai House
Manufacturer:	Davis Instruments
Model No.:	<u>Davis7440</u>
Serial No.:	<u>MC01010A44</u>
Equipment No.:	<u>SA-03-04</u>
Date of Calibration	<u>18-Feb-2023</u>
Next Due Date	<u>18-Aug-2023</u>

#### 1. Performance check of Wind Speed

Wind Speed, m/s		Difference D (m/s)
Wind Speed Reading (V1)	Anemometer Value (V2)	D = V1 - V2
0.0	0.0	0.0
1.2	1.3	-0.1
2.5	2.5	0.0
3.8	3.9	-0.1

#### 2. Performance check of Wind Direction

Wind Direction (°)		Difference D (°)
Wind Direction Reading (W1)	Marine Compass Value (W2)	$\mathbf{D} = \mathbf{W1} - \mathbf{W2}$
0	0	0.0
90	90	0.0
180	180	0.0
270	270	0.0

**Test Specification:** 

- 1. Performance Wind Speed Test The wind meter was on-site calibrated against the anemometer
- 2. Performance Wind Direction Test The wind meter was on-site calibrated against the marine compass at four direction

Calibrated by: \_\_\_\_\_\_ Approved by: \_\_\_\_\_\_\_ Henry/Leung

Report No.

Rm 1904, Technology Park 18 On Lai Street, Shatin NT, Hong Kong Tel: +852 3841 4388 Website: https://www.hpct.com.hk

: 00364



Issue Date : 03 Apr 2023

: HP00240 Application No. **Certificate of Calibration** Applicant : Cinotech Consultants Limited RM 1710, Technology Park, 18 On Lai Street, Shatin, N.T., Hong Kong Sample Description : Submitted equipment stated to be Integrating Sound Level Meter. Equipment No.: : N-12-05 Manufacturer: : BSWA Technology Other information : Model No. **BSWA 308** Serial No. 580287 Microphone No. 570610 ~~~~

Date Received	:	03 Apr 2023
Test Period	:	03 Apr 2023 to 03 Apr 2023
Test Requested	:	Performance checking for Sound Level Meter
Test Method	:	The Sound Level Calibrator has been calibrated in accordance with the documented procedures and using standard and instrument which are recommended by the manufacturer, or equivalent.
Test conditions	:	Room Temperature: 22-25 degree Celsius Relative Humidity: 35-70%
Test Result	:	Refer to the test result(s) on page 2.

Remark : 1. Information of the sample description provided by the Applicant.2. The result(s) relate only to the items tested or calibrated.

The result(s) relate only to the items tested or calibrated.

Lee Wai Kit Laboratory Manager

Rm 1904, Technology Park 18 On Lai Street, Shatin NT, Hong Kong Tel: +852 3841 4388 Website: https://www.hpct.com.hk

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Issue Date : 03 Apr 2023

Report No.:00364Application No.:HP00240

# **Certificate of Calibration**

Measuring

equipment

Description	Sound Calibrator
Manufacturer	Brüel & Kjær
Model No.	TYPE 4231
Serial No.	2326353
Equipment No.	N-02-01

### Test Result

Reference value, dB	Indication value, dB	Deviation, dB	Allowed deviation, dB
94.0	94.2	+ 0.2	± 1.5
114.0	114.2	+ 0.2	± 1.5

Note : 1. "Instrument Readings" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.

2. The indication value was obtained from the average of ten replicated measurement.

Report No.

Rm 1904, Technology Park 18 On Lai Street, Shatin NT, Hong Kong Tel: +852 3841 4388 Website: https://www.hpct.com.hk

: 00288



Issue Date : 10 Nov 2022

Application No. : HP00176 **Certificate of Calibration** Applicant : Cinotech Consultants Limited RM 1710, Technology Park, 18 On Lai Street, Shatin, N.T., Hong Kong Sample Description : Submitted equipment stated to be Sound Level Calibrator. Equipment No.: : N-13-03 Manufacturer: : SOUNDTEK Other information : Model No. ST-120 Serial No. 181001637 : 10 Nov 2022 Date Received Test Period : 10 Nov 2022 to 10 Nov 2022 : Performance checking for Sound Level Calibrator **Test Requested** Test Method : The Sound Level Meter and Calibrator has been calibrated in accordance with the documented procedures and using standard and instrument which are recommended by the manufacturer, or equivalent. **Test conditions** : Room Temperature: 22-25 degree Celsius Relative Humidity: 35-70%

Test Result : Refer to the test result(s) on page 2.

Remark : 1. Information of the sample description provided by the Applicant.

2. The result(s) relate only to the items tested or calibrated.

Lee Wai Kit Laboratory Manager

Rm 1904, Technology Park 18 On Lai Street, Shatin NT, Hong Kong Tel: +852 3841 4388 Website: https://www.hpct.com.hk

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Issue Date : 10 Nov 2022

Report No.:00288Application No.:HP00176

# **<u>Certificate of Calibration</u>**

Measuring equipment

Description	Sound Calibrator
Manufacturer	Brüel & Kjær
Model No.	TYPE 4231
Serial No.	2326353
Equipment No.	N-02-01
Description	Sound Meter
Manufacturer	BSWA Technology
	DOWNTEEnnology
Model No.	BSWA 308
Model No. Serial No.	81
	BSWA 308
Serial No.	BSWA 308 570183

### Test Result

Reference value, dB	Indication value, dB	Deviation, dB	Allowed deviation, dB
94.0	94.1	+ 0.1	± 0.3
114.0	114.2	+ 0.2	± 0.5

- Note : 1. "Instrument Readings" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.
  - 2. The indication value was obtained from the average of ten replicated measurement.

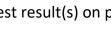
Rm 1904, Technology Park 18 On Lai Street, Shatin NT, Hong Kong Tel: +852 3841 4388 Website: https://www.hpct.com.hk



: 00389 Issue Date : 20 Jul 2023 Report No. Application No. : HP00262 **Certificate of Calibration** Applicant : Cinotech Consultants Limited RM 1710, Technology Park, 18 On Lai Street, Shatin, N.T., Hong Kong Sample Description : Submitted equipment stated to be Sound Level Calibrator. Equipment No.: : N-16-01 Manufacturer: : Hangzhou Aihua Instruments Co., Ltd. Other information : Model No. AWA6021A Serial No. 1023253 : 18 Jul 2023 Date Received Test Period : 19 Jul 2023 to 19 Jul 2023 : Performance checking for Sound Level Calibrator **Test Requested** Test Method : The Sound Level Meter and Calibrator has been calibrated in accordance with the documented procedures and using standard and instrument which are recommended by the manufacturer, or equivalent. **Test conditions** : Room Temperature: 22-25 degree Celsius Relative Humidity: 35-70% Test Result : Refer to the test result(s) on page 2.

Remark : 1. Information of the sample description provided by the Applicant. 2. The result(s) relate only to the items tested or calibrated.

Lee Wai Kit Laboratory Manager



Rm 1904, Technology Park 18 On Lai Street, Shatin NT, Hong Kong Tel: +852 3841 4388 Website: https://www.hpct.com.hk

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Issue Date : 20 Jul 2023

Report No.:00389Application No.:HP00262

# **<u>Certificate of Calibration</u>**

Measuring equipment

Description	Sound Calibrator
Manufacturer	Brüel & Kjær
Model No.	TYPE 4231
Serial No.	2326353
Equipment No.	N-02-01
Description	Sound Meter
Manufacturer	BSWA Technology
Model No.	BSWA 308
Serial No.	570183
Microphone No.	570605
	N 40.04
Equipment No.	N-12-01

### Test Result

Reference value, dB	Indication value, dB	Deviation, dB	Allowed deviation, dB
94.0	94.2	+ 0.2	± 0.3
114.0	114.2	+ 0.2	± 0.5

- Note : 1. "Instrument Readings" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.
  - 2. The indication value was obtained from the average of ten replicated measurement.

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Issue Date : 06 Jan 2023

Report No.:00319Application No.:HP00222

# **Certificate of Calibration**

Applicant

 Cinotech Consultants Limited RM 1710, Technology Park, 18 On Lai Street,

Shatin, N.T., Hong Kong

Sample Description : Submitted equipment stated to be Integrating Sound Level Meter.

Equipment No.: : N-08-07

Manufacturer: : SVANTEK

Other information	:	Model No.	SVAN 957
		Serial No.	21455
		Microphone No.	17204

Date Received	: 06 Jan 2023	
Test Period	: 06 Jan 2023 to 06 Jan 2023	
Test Requested	Performance checking for Sound Level Meter	
Test Method	The Sound Level Calibrator has been calibrated in accordance with the documented procedures and using standard and instrument which are recommended by the manufacturer, or equivalent.	
Test conditions	Room Temperature: 22-25 degree Celsius Relative Humidity: 35-70%	
Test Result	Refer to the test result(s) on page 2.	

Remark : 1. Information of the sample description provided by the Applicant.

2. The result(s) relate only to the items tested or calibrated.

Lee Wai Kit Laboratory Manager

Rm 1904, Technology Park 18 On Lai Street, Shatin NT, Hong Kong Tel: +852 3841 4388 Website: https://www.hpct.com.hk

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Issue Date : 06 Jan 2023

Report No.:00319Application No.:HP00222

# **Certificate of Calibration**

Measuring

equipment

Description	Sound Calibrator	
Manufacturer	Brüel & Kjær	
Model No.	TYPE 4231	
Serial No.	2326353	
Equipment No.	N-02-01	

### Test Result

Reference value, dB	Indication value, dB	Deviation, dB	Allowed deviation, dB
94.0	95.0	± 1.0	± 1.5
114.0	114.4	+ 0.4	± 1.5

Note : 1. "Instrument Readings" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.

2. The indication value was obtained from the average of ten replicated measurement.

Report No.

Rm 1904, Technology Park 18 On Lai Street, Shatin NT, Hong Kong Tel: +852 3841 4388 Website: https://www.hpct.com.hk

: 00333



Issue Date : 20 Jan 2023

: HP00212 Application No. **Certificate of Calibration** Applicant : Cinotech Consultants Limited RM 1710, Technology Park, 18 On Lai Street, Shatin, N.T., Hong Kong Sample Description : Submitted equipment stated to be Integrating Sound Level Meter. Equipment No.: : N-12-02 Manufacturer: : BSWA Technology Other information : Model No. **BSWA 308** Serial No. 570187 Microphone No. 590079

Date Received	:	18 Jan 2023
Test Period	:	20 Jan 2023 to 20 Jan 2023
Test Requested	:	Performance checking for Sound Level Meter
Test Method		The Sound Level Calibrator has been calibrated in accordance with the documented procedures and using standard and instrument which are recommended by the manufacturer, or equivalent.
Test conditions		Room Temperature: 22-25 degree Celsius Relative Humidity: 35-70%
Test Result	:	Refer to the test result(s) on page 2.

Remark : 1. Information of the sample description provided by the Applicant.

2. The result(s) relate only to the items tested or calibrated.

Lee Wai Kit Laboratory Manager

Rm 1904, Technology Park 18 On Lai Street, Shatin NT, Hong Kong Tel: +852 3841 4388 Website: https://www.hpct.com.hk

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Issue Date : 20 Jan 2023

Report No.:00333Application No.:HP00212

# **Certificate of Calibration**

Measuring

equipment

Description	Sound Calibrator	
Manufacturer	Brüel & Kjær	
Model No.	TYPE 4231	
Serial No.	2326353	
Equipment No.	N-02-01	

### Test Result

Reference value, dB	Indication value, dB	Deviation, dB	Allowed deviation, dB
94.0	94.0	± 0.0	± 1.5
114.0	114.2	+ 0.2	± 1.5

Note : 1. "Instrument Readings" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.

2. The indication value was obtained from the average of ten replicated measurement.

Report No.

Rm 1904, Technology Park 18 On Lai Street, Shatin NT, Hong Kong Tel: +852 3841 4388 Website: https://www.hpct.com.hk

: 00361



Issue Date : 30 Mar 2023

: HP00236 Application No. **Certificate of Calibration** Applicant : Cinotech Consultants Limited RM 1710, Technology Park, 18 On Lai Street, Shatin, N.T., Hong Kong Sample Description : Submitted equipment stated to be Integrating Sound Level Meter. Equipment No.: : N-12-04 Manufacturer: : BSWA Technology Other information : Model No. **BSWA 308** Serial No. 580238 Microphone No. 570605 · 27 Mar 2023 Data Pacaivad

Date Received	27 Wal 2025	
Test Period	28 Mar 2023 to 28 Mar 2023	
Test Requested	Performance checking for Sound Level Meter	
Test Method	The Sound Level Calibrator has been calibrated in accordance with th documented procedures and using standard and instrument which ar recommended by the manufacturer, or equivalent.	-
Test conditions	Room Temperature: 22-25 degree Celsius Relative Humidity: 35-70%	
Test Result	Refer to the test result(s) on page 2.	

: 1. Information of the sample description provided by the Applicant. Remark

2. The result(s) relate only to the items tested or calibrated.

Lee Wai Kit Laboratory Manager

Rm 1904, Technology Park 18 On Lai Street, Shatin NT, Hong Kong Tel: +852 3841 4388 Website: https://www.hpct.com.hk

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Issue Date : 30 Mar 2023

Report No.:00361Application No.:HP00236

# **Certificate of Calibration**

Measuring

equipment

Description	Sound Calibrator	
Manufacturer	Brüel & Kjær	
Model No.	TYPE 4231	
Serial No.	2326353	
Equipment No.	N-02-01	

### Test Result

Reference value, dB	Indication value, dB	Deviation, dB	Allowed deviation, dB
94.0	94.2	+ 0.2	± 1.5
114.0	114.3	+ 0.3	± 1.5

Note : 1. "Instrument Readings" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.

2. The indication value was obtained from the average of ten replicated measurement.

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Issue Date : 02 May 2023

Report No.:00370Application No.:HP00242

**Certificate of Calibration** 

Applicant

 Cinotech Consultants Limited RM 1710, Technology Park, 18 On Lai Street,

Shatin, N.T., Hong Kong

Sample Description : Submitted equipment stated to be Integrating Sound Level Meter.

Equipment No.: : SN-01-01

Manufacturer: : SVANTEK

Other information	:	Model No.	SVAN 979
		Serial No.	27189
		Microphone No.	25202

Date Received	:	02 May 2023
Test Period	:	02 May 2023 to 02 May 2023
Test Requested	:	Performance checking for Sound Level Meter
Test Method	:	The Sound Level Calibrator has been calibrated in accordance with the documented procedures and using standard and instrument which are recommended by the manufacturer, or equivalent.
Test conditions	:	Room Temperature: 22-25 degree Celsius Relative Humidity: 35-70%
Test Result	:	Refer to the test result(s) on page 2.

Remark : 1. Information of the sample description provided by the Applicant.

2. The result(s) relate only to the items tested or calibrated.

Lee Wai Kit Laboratory Manager

Rm 1904, Technology Park 18 On Lai Street, Shatin NT, Hong Kong Tel: +852 3841 4388 Website: https://www.hpct.com.hk

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Issue Date : 02 May 2023

Report No.:00370Application No.:HP00242

# **Certificate of Calibration**

Measuring

equipment

Description	Sound Calibrator	
Manufacturer	Brüel & Kjær	
Model No.	TYPE 4231	
Serial No.	2326353	
Equipment No.	N-02-01	

### Test Result

Reference value, dB	Indication value, dB	Deviation, dB	Allowed deviation, dB
94.0	93.9	- 0.1	± 1.5
114.0	114.0	± 0.0	± 1.5

Note : 1. "Instrument Readings" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.

2. The indication value was obtained from the average of ten replicated measurement.