

File No. MA20003/18/019

Project No.	CKL 1 - Flat 1	21 Cha Kwo Lin	g Village				
Date:	4-N	Mar-23	Next Due Date:	4-May-23	Operator:	SK	
Equipment No.:	A-	01-18	Model No.:	TE 5170	Serial No.	0723	
			Ambient Cond	ition			
Temperatu	ıre, Ta (K)	292.6	Pressure, Pa (mml	Hg)	768.4		

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

		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	$[\Delta W \ge (Pa/760) \ge (298/Ta)]^{1/2}$ Y- axis
1	12.8	3.63	61.83	9.9	3.19
2	10.2	3.24	55.26	7.9	2.85
3	8.4	2.94	50.20	5.7	2.42
4	6.1	2.51	42.87	3.6	1.93
5	3.3	1.84	31.69	1.8	1.36
Slope , mw = Correlation	coefficient* =	0.9962 ), check and recalibrate.	Intercept, bw <del>-</del> -	-0.670	10
Errow the TSD E	ald Calibratian C	Set Point (	Calculation		
		arve, take Qstd = 43 CFM			
From the Regres	sion Equation, the	e "Y" value according to			
Therefore, Se	et Point; W = ( mv	$\mathbf{mw} \mathbf{x} \mathbf{Qstd} + \mathbf{bw} = [\Delta \mathbf{W}]$ w x Qstd + bw ) <sup>2</sup> x ( 760 / Pa ) x (		298/Ta)] <sup>1/2</sup> 3.95	
Remarks:					
Conducted by:	Wong Shi	ng Kwai Signature:	R	yL.	Date: 4-Mar-23
Checked by:	Henry I	Leung Signature:	lem	y drong	Date: 4-Mar-23

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File No. MA20003/55/018

Project No.	CKL 2 - Flat 1	03 Cha Kwo Lir	ng Village			
Date:	4-N	/lar-23	Next Due Date:	4-May-23	Operator:	SK
Equipment No.:	A-	01-55	Model No.:	TE 5170	Serial No.	1956
			Ambient Condit	ion		
Temperatu	ıre, Ta (K)	292.6	Pressure, Pa (mml	Hg)	768.4	

	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:	16-Jan-24	Qstd = { $[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$ -bc} / mc						

		Calibration of	TSP Sampler		
Calibration		Orfice		HVS	
Point	ΔH (orifice), in. of water	[ΔH x (Pa/760) x (298/Ta)] <sup>1/2</sup>	Qstd (CFM) X - axis	$\Delta W$ (HVS), in. of water	[ΔW x (Pa/760) x (298/Ta)] <sup>1/2</sup> <b>Y-axis</b>
1	13.2	3.69	62.78	10.4	3.27
2	11.0	3.37	57.36	8.4	2.94
3	8.8	3.01	51.37	6.4	2.57
4	5.4	2.36	40.37	3.2	1.82
5	3.0	1.76	30.24	1.8	1.36
Slope , mw = Correlation	coefficient* =		Intercept, bw = _	-0.516	2
		Set Point C	alculation		
		urve, take Qstd = 43 CFM			
From the Regress	sion Equation, the	e "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 (			
Remarks:					
Conducted by:	Wong Shi	ng Kwai Signature:		y Koz	Date: 4-Mar-23
Checked by:	Henry I	Leung Signature:	la	y Kong	Date: 4-Mar-23

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#### File No. MA20003/04/0017

Project No.	KER 1 - Future	Residential De	velopment at Kerry Godov	wn		
Date:	10-N	Mar-23	Next Due Date:	10-May-23	Operator:	SK
Equipment No.:	A-(	01-04	Model No.:	TE 5170	Serial No.	10595
			Ambient Condit	tion		
Temperatu	ure, Ta (K)	295.4	Pressure, Pa (mm	Hg)	763.1	

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

		Calibration of	TSP Sampler		
Calibration		Orfice			HVS
Point	$\Delta H$ (orifice), in. of water	[ΔH x (Pa/760) x (298/Ta)] <sup>1/2</sup>	Qstd (CFM) X - axis	$\Delta W$ (HVS), in. of water	$[\Delta W \ge (Pa/760) \ge (298/Ta)]^{1/2}$ Y-axis
1	13.0	3.63	61.80	9.6	3.12
2	10.5	3.26	55.60	7.2	2.70
3	8.5	2.93	50.09	5.8	2.42
4	5.6	2.38	40.77	3.5	1.89
5	3.4	1.86	31.89	2.1	1.45
Slope , mw = Correlation	<b>coefficient</b> < 0.990		Intercept, bw = -	-0.338	6
		Set Point C urve, take Qstd = 43 CFM e "Y" value according to	alculation		
Therefore, Se	et Point; W = ( mv	$\mathbf{mw} \mathbf{x} \mathbf{Qstd} + \mathbf{bw} = [\Delta \mathbf{W} \mathbf{x}]$ $\mathbf{v} \mathbf{x} \mathbf{Qstd} + \mathbf{bw}^{2} \mathbf{x} (760 / Pa) \mathbf{x} (760 / Pa)$		98/Ta)] <sup>1/2</sup> 4.11	
Remarks:					
Conducted by:	Wong Shi	ng Kwai Signature:	k	火	Date: 10-Mar-23

F: Checked by: Steppipment Chenty Leung Sunew MA20003\_202303 Signature: 01-04) - Centry May



#### File No. MA20003/44/0017

Project No.	KTD1 - Centre	of Excellence i	n Paediatrics (Children's H	Hospital)		
Date:	10-N	Mar-23	Next Due Date:	10-May-23	Operator:	SK
Equipment No.:	A-(	01-44	Model No.:	TE-5170	Serial No.	1316
			Ambient Condit	tion		
Temperatu	ure, Ta (K)	295.4	Pressure, Pa (mml	Hg)	763.1	
		0	Prifice Transfer Standard	l Information		

	Ornice Transfer Standard Information						
Serial No.	3864	Slope, mc	0.05928	Intercept, bc	-0.03491		
Last Calibration Date:	16-Jan-23	]	mc x Qstd + bc	$c = [\Delta H \ x \ (Pa/760) \ x \ (298/Ta)]$	] <sup>1/2</sup>		
Next Calibration Date:	16-Jan-24	Qstd = { $[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$ -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	$\frac{[\Delta W \ x \ (Pa/760) \ x \ (298/Ta)]^{1/2}}{Y-axis}$
1	13.1	3.64	62.04	9.9	3.17
2	11.0	3.34	56.90	7.8	2.81
3	8.8	2.99	50.95	6.0	2.47
4	6.1	2.49	42.52	4.0	2.01
5	3.6	1.91	32.80	2.4	1.56
Slope, mw =	ression of Y on X 0.0546 coefficient* =		Intercept, bw	-0.273	2
		0.9975	-		
	_0emcient < 0.99	o, check and recambrate.			
		Set Point C	alculation		
From the TSP F	ield Calibration C	urve, take Qstd = 43 CFM			
From the Regres	sion Equation, the	e "Y" value according to			
		mw x Qstd + bw = $[\Delta W]$	r (Da/760) v ()	$(12)^{1/2}$	
		$\lim_{n \to \infty} x \operatorname{Qstu} + \operatorname{Dw} - [\Delta w]_2$	X (1 a / 700) X (2)	70/1a)]	
Therefore, S	et Point; W = ( my	$(x + bw)^2 x (760 / Pa) x ($	Ta / 298 ) =	4.24	
Remarks:					
Conducted by:	Wong Shi	ng Kwai Signature:		2/-	Date: 10-Mar-23
	s\Equipment\Calibration]		1 0	Non	



File No. MA20003/41/0017

						File No.	MA20003/41/001
Project No.	KTD 2D - Next	to the SOR Offi	ce of Trunk Road	Г2 in Kai Tak A	Area		
Date:	10-N	1ar-23	Next Due Date:	10-1	May-23	Operator:	SK
Equipment No.:	A-0	01-41	Model No.:	TE	E 5170	Serial No.	5280
			Ambient C	ondition			
Temperatu	re, Ta (K)	295.4	Pressure, Pa			763.1	
	· · · ·						
		Ori	ifice Transfer Sta	ndard Inform	ation		
Serial	No.	3864	Slope, mc	0.05928	Intercept		-0.03491
Last Calibra	ation Date:	16-Jan-23			$c = [\Delta H x (Pa/760)]$		
Next Calibra	ation Date:	16-Jan-24		$Qstd = \{ [\Delta H x] \}$	(Pa/760) x (298/	Га)] <sup>1/2</sup> -bc} / 1	nc
			Calibration of	TSP Sampler			
Calibration		Or	Drfice			HVS	
Point	$\Delta H$ (orifice), in. of water	[ΔH x (Pa/76	$[\Delta H \ x \ (Pa/760) \ x \ (298/Ta)]^{1/2}$		$\Delta W$ (HVS), in. of water	[ΔW x (Pa/760) x (298/Ta Y-axis	
1	13.6		3.71	63.20	9.9	3.17	
2	11.2		3.37	57.41	8.5	2.93	
3	9.2		3.05	52.08	6.5	2.56	
4	6.8		2.62	44.86	4.4		2.11
5	3.8		1.96	33.68	2.4		1.57
By Linear Regr	ession of V on V	x					
Slope, mw =			]	Intercept, bw :	-0.333	8	
•	coefficient* =	- 0.	.9976	ľ			
*If Correlation C	Coefficient < 0.9	90, check and red	calibrate.	-			
			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				
				$(D_{0}/7(0) - (2))$	1/2		
		mw x Q	$pstd + bw = [\Delta W x]$	(Pa/760) x (29	98/1a)]		
Therefore, Se	et Point; W = ( n	nw x Qstd + bw )	<sup>2</sup> x ( 760 / Pa ) x ( 7	Ta / 298 ) =	4.20		

Remarks:					
Conducted by:	Wong Shing Kwai	Signature:	KL.	Date:	10-Mar-23
Checked by:	Henry Leung	Signature:	fleng Kong	Date:	10-Mar-23

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File No. MA20003/18/020

							111120000/10/020
Project No.	CKL 1 - Flat 12	1 Cha Kwo Ling	Village			<u>-</u>	
Date:	04-M	lay-23	Next Due Date:	04-	Jul-23	Operator:	SK
Equipment No.:	A-0	1-18	Model No.:	TE	5170	Serial No.	0723
			Ambient	Condition			
Temperatur	re, Ta (K)	300	Pressure, Pa	(mmHg)		756.7	
		Oı	rifice Transfer Sta	ndard Inform	ation		
Serial	No.	3864	Slope, mc		Intercep		-0.03491
Last Calibra	ation Date:	16-Jan-23		mc x Qstd + b	$bc = [\Delta H \times (Pa/76)]$	60) x (298/Ta)	$]^{1/2}$
Next Calibra	ation Date:	16-Jan-24		$Qstd = \{ [\Delta H \ x ]$	x (Pa/760) x (298	/Ta)] <sup>1/2</sup> -bc} /	mc
		•					
			Calibration of	TSP Sampler			
Calibration		Or	fice		HVS		
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	[ΔW x (Pa/7	50) x (298/Ta)] <sup>1/2</sup> Y- axis
1	12.7		3.54	60.37	9.7	3.10	
2	10.0		3.14	53.64	7.7	2.76	
3	8.2	,	2.85	48.63	5.5	2.33	
4	6.0		2.44	41.68	3.4		1.83
	3.0		1.72	29.65	1.7		1.30

 Slope , mw =
 0.0606
 Intercept, bw :
 -0.5717

 Correlation coefficient\* =
 0.9932

\*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 = 
$$[\Delta W x (Pa/760) x (298/Ta)]^{1/2}$$

4.18

Therefore, Set Point; 
$$W = (mw x Qstd + bw)^2 x (760 / Pa) x (Ta / 298) =$$

Remarks:				
Conducted by:	Wong Shing Kwai	Signature:	Date:	04-May-23
Checked by:	Henry Leung	Signature: Xay	Date:	04-May-23

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File No. MA20003/55/019

Project No.	CKL 2 - Flat 103	3 Cha Kwo Ling	Village			. –	
Date:	04-M	ay-23	Next Due Date:	04-Jul-23		Operator:	SK
Equipment No.:	nt No.: A-01-55		Model No.:	TE	2 5170	Serial No.	1956
			Ambient (	Condition			
Temperatu	ire, Ta (K)	290.4	Pressure, Pa	u (mmHg)		767.6	
		Ori	fice Transfer Sta	ndard Informa	ation		
Seria	1 No.	3864	Slope, mc	0.05928	Intercept	t, bc	-0.03491
Last Calibra	ation Date:	16-Jan-23		mc x Qstd + bo	$c = [\Delta H \times (Pa/760)]$		/2
Next Calibr	ration Date:	16-Jan-24		$\mathbf{Qstd} = \{ [\Delta \mathbf{H} \mathbf{x} ] \}$	(Pa/760) x (298/	$[\Gamma a)]^{1/2} - bc\} / m$	ic
		Or	Calibration of fice	TSP Sampler		HVS	
Calibration Point	$\Delta H$ (orifice), in. of water		i0) x (298/Ta)] <sup>1/2</sup>	Qstd (CFM) X - axis	$\Delta W$ (HVS), in. of water	[ΔW x (Pa/76	60) x (298/Ta)] <sup>1/2</sup> Z <b>-axis</b>
1	13.0		3.67	62.51	10.2		3.25
2	10.8		3.35	57.03	8.2		2.92
3	8.7		3.00	51.24	6.3		2.56
4	5.3		2.34	40.13	3.1	1.79	
5	2.9		1.73	29.83	1.8		1.37
Slope, mw =	ression of Y on X 0.0592	-		Intercept, bw =	-0.473	34	
	<pre>coefficient* = Coefficient &lt; 0.99</pre>		.9963 calibrate.	_			
			Set Point C	alculation			
	ield Calibration C ssion Equation, th	e "Y" value acco		x (Pa/760) x (29	98/Ta)] <sup>1/2</sup>		
Therefore, S	et Point; W = ( m	w x Qstd + bw )	<sup>2</sup> x ( 760 / Pa ) x (	Ta / 298 ) =	4.14		
Remarks:							
Conducted by:	Wong Sh	ing Kwai	Signature:	k	X.	Date:	04-May-23
Checked by:	Henry	Leung	Signature:	1_0	Non r	Date:	04-May-23



#### File No. MA20003/04/0018

Project No.	KER 1 - Future	Residential Deve	elopment at Kerry (	Godown			
Date:	10-May-23		Next Due Date:	10-Jul-23		Operator:	SK
Equipment No.:	A-0	1-04	Model No.:	TE	E 5170	Serial No.	10595
	I		Ambient C	Condition			
Temperatu	re, Ta (K)	296.9	Pressure, Pa	(mmHg)		760.3	
		Or	ifice Transfer Sta	ndard Informa	ation		
Serial	No.	3864	Slope, mc	0.05928	Intercept	t, bc	-0.03491
Last Calibra	ation Date:	16-Jan-23	1	mc x Qstd + bo	$c = [\Delta H \times (Pa/760)]$	) x (298/Ta)]	1/2
Next Calibra	ation Date:	16-Jan-24		$\mathbf{Qstd} = \{ [\Delta \mathbf{H} \mathbf{x} ] \}$	(Pa/760) x (298/	<b>Γa)]<sup>1/2</sup> -bc} / r</b>	nc
		•	C-libertion of	TCD Commission			
		 	Calibration of '	15r Sampler		HVS	
Calibration Point	ΔH (orifice), in. of water		50) 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		3.60	61.30	9.5		3.09
2	10.4		3.23	55.10	7.1		2.67
3	8.4		2.90	49.58	5.7		2.39
4	5.5		2.35	40.23	3.4		1.85
5	3.3		1.82	31.30	2.0		1.42
By Linear Regr Slope , mw =	ession of Y on 2 0.0554	X	]	Intercept, bw :	-0.349	18	
- /	coefficient* =	- 0	.9986	···· <b>·</b> ···			
*If Correlation C				-			
			Set Point Ca	alculation			
From the TSP Fi	eld Calibration	Curve, take Qstd	= 43 CFM				
From the Regres	sion Equation, th	ne "Y" value acco	ording to				
		mw x Q	$\mathbf{\hat{Q}std} + \mathbf{bw} = [\Delta \mathbf{W} \mathbf{x}]$	x (Pa/760) x (29	98/Ta)] <sup>1/2</sup>		
Therefore, Se	et Point; W = ( n	nw x Qstd + bw )	<sup>2</sup> x ( 760 / Pa ) x ( 7	Ta / 298 ) =	4.12		
Remarks:							
					1		
Conducted by:	Wong Sh	ning Kwai	Signature:	R	X-	Date:	10-May-23

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Date: 10-May-23



#### File No. MA20003/44/0018

Project No.	KTD1 - Centre	of Excellence in	Paediatrics (Childr	en's Hospital)			
Date:	10-May-23		Next Due Date:	10-	10-Jul-23		SK
Equipment No.:	A-(	)1-44	Model No.:	TE	E-5170	Serial No.	1316
			-				
			Ambient C	ondition	<b>-</b>		
Temperature, Ta (K)296.9Pressure, Pa (mmHg)760.3							
		0	ifice Transfer Sta	1 17 6			
Serial	No	Intercept	- he	-0.03491			
Last Calibra		3864 16-Jan-23	Slope, mc	0.05928 nc x Ostd + bo	$c = [\Delta H x (Pa/760)]$		
Next Calibr		16-Jan-24			(Pa/760) x (298/7		
			I	<u> </u>	<u> </u>	/2 /	
			Calibration of Z	<b>FSP Sampler</b>			
Calibration		Or	fice			HVS	
Point	$\Delta H$ (orifice), in. of water	[ΔH x (Pa/76	50) x $(298/Ta)$ ] <sup>1/2</sup>	Qstd (CFM) X - axis	ΔW (HVS), in. of water		760) x (298/Ta)] <sup>1/2</sup> <b>Y-axis</b>
1	13.0		3.61	61.54	9.7		3.12
2	10.8		3.29	56.14	7.7		2.78
3	8.6		2.94	50.16	5.8		2.41
4	6.0		2.45	41.99	3.8		1.95
5	3.5		1.87	32.21	2.2		1.49
By Linear Regr	ression of V on T	X					
Slope , mw =			J	Intercept, bw :	-0.353	7	
	coefficient* =	0	.9983	• /			
*If Correlation C	Coefficient < 0.9	90, check and rec	calibrate.				
			Set Point Ca	alculation			
		Curve, take Qstd					
From the Regres	sion Equation, t	he "Y" value acco	ording to				
		mw x Q	$\Delta t = [\Delta W x]$	(Pa/760) x (29	$98/Ta)]^{1/2}$		
			2				
Therefore, Se	et Point; W = ( n	nw x Qstd + bw )	<sup>2</sup> x (760 / Pa) x (7	Га / 298 ) =	4.18		
L							
Remarks:							
				h	2		
Conducted by:	Wong S	hing Kwai	Signature:	(	火-	Date:	10-May-23

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Date: 10-May-23



File No. MA20003/41/0018

Project No.	KTD 2D - Next	to the SOR Offi	ce of Trunk Road	Г2 in Kai Tak A	Area				
Date:	10-M	10-May-23		10-Jul-23		Operator:	SK		
Equipment No.:	A-0	1-41	Model No.:	TE	5170	Serial No.	5280		
			Ambient C	andition					
Temperatu	re Ta (K)	296.9				760.3			
Temperature, Ta (K)296.9Pressure, Pa (mmHg)760.3									
		Ori	fice Transfer Sta	ndard Informa	ation				
Serial	No.	3864	Slope, mc	0.05928	Intercept	t, bc	-0.03491		
Last Calibra	ation Date:	16-Jan-23	1	nc x Qstd + bo	$c = [\Delta H \ x \ (Pa/760)]$	) x (298/Ta)]	1/2		
Next Calibra	ation Date:	16-Jan-24	(	$Qstd = \{ [\Delta H x ]$	(Pa/760) x (298/	Га)] <sup>1/2</sup> -bc} / r	nc		
			Calibration of '	<b>TSP Sampler</b>					
Calibration		Or	fice			HVS			
Point	$\Delta H$ (orifice), in. of water	[ΔH x (Pa/76	0) x (298/Ta)] <sup>1/2</sup>	Qstd (CFM) X - axis	$\Delta W$ (HVS), in. of water		760) x (298/Ta)] <sup>1/2</sup> <b>Y-axis</b>		
1	13.4		3.67	62.47	9.8		3.14		
2	11.0		3.32	56.65	8.4		2.90		
3	9.0	:	3.01	51.30	6.4		2.54		
4	6.6		2.57	44.02	4.2		2.05		
5	3.7		1.93	33.10	2.2		1.49		
By Linear Regr Slope , mw = Correlation ( *If Correlation C	0.0581 coefficient* =	0	.9975	Intercept, bw =	-0.452	.2			
			Set Point Ca	alculation					
From the TSP Fi	eld Calibration (	Curve, take Ostd							
From the Regres		-							
6	1,		-						
		mw x Q	$\mathbf{std} + \mathbf{bw} = [\Delta \mathbf{W} \mathbf{x}]$	(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	Ta / 298 ) =	4.17				
Remarks:									
Conducted by:	Wong Sł	ning Kwai	Signature:	k	<u></u> .	Date:	10-May-23		
Checked by:	Henry	Leung	Signature:	-lem	y day	Date:	10-May-23		

F:\Cinotech Solutions\Equipment\Calibration Cert\HVS\new\MA20003\_20230510\_KTD2D\_(A-01-41)

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

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