



# Certificate of Calibration 校正證書

Certificate No. : C213338  
證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC21-1010)

Date of Receipt / 收件日期 : 25 May 2021

Description / 儀器名稱 : Integrating Sound Level Meter  
Manufacturer / 製造商 : Brüel & Kjær  
Model No. / 型號 : 2238  
Serial No. / 編號 : 2684503  
Supplied By / 委託者 : Atkins China Limited  
13/F., Wharf T&T Centre, Harbour City,  
Tsim Sha Tsui, Kowloon, Hong Kong

## TEST CONDITIONS / 測試條件

Temperature / 溫度 :  $(23 \pm 2)^{\circ}\text{C}$   
Line Voltage / 電壓 : ---

Relative Humidity / 相對濕度 :  $(50 \pm 25)\%$

## TEST SPECIFICATIONS / 測試規範

Calibration check

DATE OF TEST / 測試日期 : 8 June 2021

## TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only.  
The results do not exceed manufacturer's specification.  
The results are detailed in the subsequent page(s).

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

- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory
- Agilent Technologies / Keysight Technologies
- Fluke Everett Service Center, USA

Tested By  
測試

  
K P Cheuk  
Project Engineer

Certified By  
核證

  
K C Lee  
Engineer

Date of Issue  
簽發日期

9 June 2021

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本證書所載校正用之測試器材均可溯源至國際標準。局部複印本證書需先獲本實驗室書面批准。

# Certificate of Calibration

## 校正證書

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1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours, and switched on to warm up for over 10 minutes before the commencement of the test.
2. The results presented are the mean of 3 measurements at each calibration point.
3. Test equipment :

| <u>Equipment ID</u> | <u>Description</u>                  | <u>Certificate No.</u> |
|---------------------|-------------------------------------|------------------------|
| CL280               | 40 MHz Arbitrary Waveform Generator | C210084                |
| CL281               | Multifunction Acoustic Calibrator   | AV210017               |

4. Test procedure : MA101N.

5. Results :

- 5.1 Sound Pressure Level :

- 5.1.1 Reference Sound Pressure Level

| UUT Setting |                  |                     |                | Applied Value |             | UUT          | IEC 61672 Class 1 |
|-------------|------------------|---------------------|----------------|---------------|-------------|--------------|-------------------|
| Range (dB)  | Parameter        | Frequency Weighting | Time Weighting | Level (dB)    | Freq. (kHz) | Reading (dB) | Spec. (dB)        |
| 50 - 130    | L <sub>AFP</sub> | A                   | F              | 94.00         | 1           | 94.0         | ± 1.1             |

- 5.1.2 Linearity

| UUT Setting |                  |                     |                | Applied Value |             | UUT          |
|-------------|------------------|---------------------|----------------|---------------|-------------|--------------|
| Range (dB)  | Parameter        | Frequency Weighting | Time Weighting | Level (dB)    | Freq. (kHz) | Reading (dB) |
| 50 - 130    | L <sub>AFP</sub> | A                   | F              | 94.00         | 1           | 94.0 (Ref.)  |
|             |                  |                     |                | 104.00        |             | 104.0        |
|             |                  |                     |                | 114.00        |             | 114.0        |

IEC 61672 Class 1 Spec. : ± 0.6 dB per 10 dB step and ± 1.1 dB for overall different.

- 5.2 Time Weighting

| UUT Setting |                  |                     |                | Applied Value |             | UUT          | IEC 61672 Class 1 |
|-------------|------------------|---------------------|----------------|---------------|-------------|--------------|-------------------|
| Range (dB)  | Parameter        | Frequency Weighting | Time Weighting | Level (dB)    | Freq. (kHz) | Reading (dB) | Spec. (dB)        |
| 50 - 130    | L <sub>AFP</sub> | A                   | F              | 94.00         | 1           | 94.0         | Ref.              |
|             | L <sub>ASP</sub> |                     | S              |               |             | 94.0         | ± 0.3             |

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Sun Creation Engineering Limited – Calibration & Testing Laboratory

c/o 4/F, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong

輝創工程有限公司 - 校正及檢測實驗室

c/o 香港新界屯門興安里一號四樓

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Website/網址: www.suncreation.com

# Certificate of Calibration

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### 5.3 Frequency Weighting

#### 5.3.1 A-Weighting

| UUT Setting |                  |                     |                | Applied Value |          | UUT Reading (dB) | IEC 61672 Class 1 Spec. (dB) |
|-------------|------------------|---------------------|----------------|---------------|----------|------------------|------------------------------|
| Range (dB)  | Parameter        | Frequency Weighting | Time Weighting | Level (dB)    | Freq.    |                  |                              |
| 50 - 130    | L <sub>AFP</sub> | A                   | F              | 94.00         | 63 Hz    | 67.8             | -26.2 ± 1.5                  |
|             |                  |                     |                |               | 125 Hz   | 77.8             | -16.1 ± 1.5                  |
|             |                  |                     |                |               | 250 Hz   | 85.3             | -8.6 ± 1.4                   |
|             |                  |                     |                |               | 500 Hz   | 90.7             | -3.2 ± 1.4                   |
|             |                  |                     |                |               | 1 kHz    | 94.0             | Ref.                         |
|             |                  |                     |                |               | 2 kHz    | 95.2             | +1.2 ± 1.6                   |
|             |                  |                     |                |               | 4 kHz    | 95.0             | +1.0 ± 1.6                   |
|             |                  |                     |                |               | 8 kHz    | 92.9             | -1.1 (+2.1 ; -3.1)           |
|             |                  |                     |                |               | 12.5 kHz | 89.7             | -4.3 (+3.0 ; -6.0)           |

#### 5.3.2 C-Weighting

| UUT Setting |                  |                     |                | Applied Value |          | UUT Reading (dB) | IEC 61672 Class 1 Spec. (dB) |
|-------------|------------------|---------------------|----------------|---------------|----------|------------------|------------------------------|
| Range (dB)  | Parameter        | Frequency Weighting | Time Weighting | Level (dB)    | Freq.    |                  |                              |
| 50 - 130    | L <sub>CFP</sub> | C                   | F              | 94.00         | 63 Hz    | 93.2             | -0.8 ± 1.5                   |
|             |                  |                     |                |               | 125 Hz   | 93.8             | -0.2 ± 1.5                   |
|             |                  |                     |                |               | 250 Hz   | 94.0             | 0.0 ± 1.4                    |
|             |                  |                     |                |               | 500 Hz   | 94.0             | 0.0 ± 1.4                    |
|             |                  |                     |                |               | 1 kHz    | 94.0             | Ref.                         |
|             |                  |                     |                |               | 2 kHz    | 93.8             | -0.2 ± 1.6                   |
|             |                  |                     |                |               | 4 kHz    | 93.1             | -0.8 ± 1.6                   |
|             |                  |                     |                |               | 8 kHz    | 90.9             | -3.0 (+2.1 ; -3.1)           |
|             |                  |                     |                |               | 12.5 kHz | 87.8             | -6.2 (+3.0 ; -6.0)           |

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Remarks : - UUT Microphone Model No. : 4188 & S/N : 2682524

- Mfr's Spec. : IEC 61672 Class 1

|                                          |                  |                              |
|------------------------------------------|------------------|------------------------------|
| - Uncertainties of Applied Value : 94 dB | : 63 Hz - 125 Hz | : $\pm 0.35$ dB              |
|                                          | 250 Hz - 500 Hz  | : $\pm 0.30$ dB              |
|                                          | 1 kHz            | : $\pm 0.20$ dB              |
|                                          | 2 kHz - 4 kHz    | : $\pm 0.35$ dB              |
|                                          | 8 kHz            | : $\pm 0.45$ dB              |
|                                          | 12.5 kHz         | : $\pm 0.70$ dB              |
| 104 dB                                   | : 1 kHz          | : $\pm 0.10$ dB (Ref. 94 dB) |
| 114 dB                                   | : 1 kHz          | : $\pm 0.10$ dB (Ref. 94 dB) |

- The uncertainties are for a confidence probability of not less than 95 %.

Note :

Only the original copy or the laboratory's certified true copy is valid.

The values given in this Certificate only relate to the values measured at the time of the test and any uncertainties quoted will not include allowance for the equipment long term drift, variations with environment changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Sun Creation Engineering Limited shall not be liable for any loss or damage resulting from the use of the equipment.

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# Certificate of Calibration 校正證書

Certificate No. : C213337  
證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC21-1010)

Date of Receipt / 收件日期 : 25 May 2021

Description / 儀器名稱 : Sound Calibrator  
Manufacturer / 製造商 : Brüel & Kjær  
Model No. / 型號 : 4231  
Serial No. / 編號 : 3004068  
Supplied By / 委託者 : Atkins China Limited  
13/F., Wharf T&T Centre, Harbour City,  
Tsim Sha Tsui, Kowloon, Hong Kong

## TEST CONDITIONS / 測試條件

Temperature / 溫度 :  $(23 \pm 2)^{\circ}\text{C}$   
Line Voltage / 電壓 : ---

Relative Humidity / 相對濕度 :  $(50 \pm 25)\%$

## TEST SPECIFICATIONS / 測試規範

Calibration check

DATE OF TEST / 測試日期 : 8 June 2021

## TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only.  
The results do not exceed manufacturer's specification.  
The results are detailed in the subsequent page(s).

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

- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory
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- Fluke Everett Service Center, USA

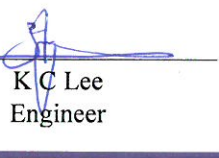
Tested By  
測試

:

  
K P Cheuk  
Project Engineer

Certified By  
核證

:

  
K C Lee  
Engineer

Date of Issue  
簽發日期

:

9 June 2021

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# Certificate of Calibration

## 校正證書

Certificate No. : C213337  
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- The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours before the commencement of the test.
- The results presented are the mean of 3 measurements at each calibration point.
- Test equipment :

| Equipment ID | Description                       | Certificate No. |
|--------------|-----------------------------------|-----------------|
| CL130        | Universal Counter                 | C203952         |
| CL281        | Multifunction Acoustic Calibrator | AV210017        |
| TST150A      | Measuring Amplifier               | C201309         |

- Test procedure : MA100N.
- Results :

### 5.1 Sound Level Accuracy

| UUT<br>Nominal Value | Measured Value<br>(dB) | Mfr's Spec.<br>(dB) | Uncertainty of Measured Value<br>(dB) |
|----------------------|------------------------|---------------------|---------------------------------------|
| 94 dB, 1 kHz         | 94.0                   | ± 0.2               | ± 0.2                                 |
| 114 dB, 1 kHz        | 114.0                  |                     |                                       |

### 5.2 Frequency Accuracy

| UUT Nominal Value<br>(kHz) | Measured Value<br>(kHz) | Mfr's<br>Spec. | Uncertainty of Measured Value<br>(Hz) |
|----------------------------|-------------------------|----------------|---------------------------------------|
| 1                          | 1.000 0                 | 1 kHz ± 0.1 %  | ± 0.1                                 |

Remark : The uncertainties are for a confidence probability of not less than 95 %.

Note :

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ENVIROTECH SERVICES CO.

**High-Volume TSP Sampler**  
**5-Point Calibration Record**

Location : AMS5(Ma Wan Chung Village)  
Calibrated by : P.F.Yeung  
Date : 05/01/2022

**Sampler**

Model : TE-5170  
Serial Number : S/N3640

**Calibration Orifice and Standard Calibration Relationship**

Serial Number : 2454  
Service Date : 27 December 2021  
Slope (m) : 2.07035  
Intercept (b) : -0.03737  
Correlation Coefficient(r) : 0.99990

**Standard Condition**

Pstd (hpa) : 1013  
Tstd (K) : 298.18

**Calibration Condition**

Pa (hpa) : 1017  
Ta(K) : 295

| Resistance Plate |          | dH [green liquid] (inch water) | Z     | X=Qstd (cubic meter/min) | IC | Y    |
|------------------|----------|--------------------------------|-------|--------------------------|----|------|
| 1                | 18 holes | 11.4                           | 3.400 | 1.660                    | 54 | 54.4 |
| 2                | 13 holes | 9.0                            | 3.021 | 1.477                    | 49 | 49.3 |
| 3                | 10 holes | 6.6                            | 2.587 | 1.268                    | 43 | 43.3 |
| 4                | 7 holes  | 4.2                            | 2.064 | 1.015                    | 36 | 36.3 |
| 5                | 5 holes  | 2.4                            | 1.560 | 0.772                    | 28 | 28.2 |

Notes:  $Z = \sqrt{dH(Pa/Pstd)(Tstd/Ta)}$ ,  $X = Z/m - b$ ,  $Y(\text{Corrected Flow}) = IC * \{\sqrt{Pa/Pstd}(Tstd/Ta)\}$

**Sampler Calibration Relationship**

Slope(m): 29.264      Intercept(b): 6.056      Correlation Coefficient(r): 0.9994

Checked by: Magnum Fan

Date: 08/01/2022



RECALIBRATION

DUE DATE:

December 27, 2022

# Certificate of Calibration

## Calibration Certification Information

Cal. Date: December 27, 2021

Rootsmeter S/N: 438320

Ta: 295

°K

Operator: Jim Tisch

Pa: 740.4

mm Hg

Calibration Model #: TE-5025A

Calibrator S/N: 2454

| Run | Vol. Init (m3) | Vol. Final (m3) | ΔVol. (m3) | ΔTime (min) | ΔP (mm Hg) | ΔH (in H2O) |
|-----|----------------|-----------------|------------|-------------|------------|-------------|
| 1   | 1              | 2               | 1          | 1.4130      | 3.2        | 2.00        |
| 2   | 3              | 4               | 1          | 0.9970      | 6.4        | 4.00        |
| 3   | 5              | 6               | 1          | 0.8950      | 7.9        | 5.00        |
| 4   | 7              | 8               | 1          | 0.8480      | 8.8        | 5.50        |
| 5   | 9              | 10              | 1          | 0.7060      | 12.7       | 8.00        |

## Data Tabulation

| Vstd (m3) | Qstd (x-axis) | $\sqrt{\Delta H \left( \frac{Pa}{Pstd} \right) \left( \frac{Tstd}{Ta} \right)}$ (y-axis) | Va     | Qa (x-axis) | $\sqrt{\Delta H \left( \frac{Ta}{Pa} \right)}$ (y-axis) |
|-----------|---------------|------------------------------------------------------------------------------------------|--------|-------------|---------------------------------------------------------|
| 0.9799    | 0.6935        | 1.4029                                                                                   | 0.9957 | 0.7047      | 0.8927                                                  |
| 0.9756    | 0.9786        | 1.9841                                                                                   | 0.9914 | 0.9943      | 1.2624                                                  |
| 0.9736    | 1.0879        | 2.2183                                                                                   | 0.9893 | 1.1054      | 1.4114                                                  |
| 0.9724    | 1.1467        | 2.3265                                                                                   | 0.9881 | 1.1652      | 1.4803                                                  |
| 0.9673    | 1.3700        | 2.8059                                                                                   | 0.9828 | 1.3921      | 1.7853                                                  |
| QSTD      | m=            | 2.07035                                                                                  | QA     | m=          | 1.29642                                                 |
|           | b=            | -0.03737                                                                                 |        | b=          | -0.02378                                                |
|           | r=            | 0.99990                                                                                  |        | r=          | 0.99990                                                 |

## Calculations

|                                        |                                                                                                                       |     |                                                                                      |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------------------|
| Vstd=                                  | $\Delta Vol((Pa-\Delta P)/Pstd)(Tstd/Ta)$                                                                             | Va= | $\Delta Vol((Pa-\Delta P)/Pa)$                                                       |
| Qstd=                                  | Vstd/ΔTime                                                                                                            | Qa= | Va/ΔTime                                                                             |
| For subsequent flow rate calculations: |                                                                                                                       |     |                                                                                      |
| Qstd=                                  | $1/m \left( \left( \sqrt{\Delta H \left( \frac{Pa}{Pstd} \right) \left( \frac{Tstd}{Ta} \right)} \right) - b \right)$ | Qa= | $1/m \left( \left( \sqrt{\Delta H \left( \frac{Ta}{Pa} \right)} \right) - b \right)$ |

## Standard Conditions

|       |                                       |
|-------|---------------------------------------|
| Tstd: | 298.15 °K                             |
| Pstd: | 760 mm Hg                             |
| Key   |                                       |
| ΔH:   | calibrator manometer reading (in H2O) |
| ΔP:   | rootsmeter manometer reading (mm Hg)  |
| Ta:   | actual absolute temperature (°K)      |
| Pa:   | actual barometric pressure (mm Hg)    |
| b:    | intercept                             |
| m:    | slope                                 |

## RECALIBRATION

US EPA recommends annual recalibration per 1998 40 Code of Federal Regulations Part 50 to 51, Appendix B to Part 50, Reference Method for the Determination of Suspended Particulate Matter in the Atmosphere, 9.2.17, page 30

ENVIROTECH SERVICES CO.

**High-Volume TSP Sampler**  
**5-Point Calibration Record**

Location : AMS2(Tung Chung Development Pier)  
Calibrated by : P.F.Yeung  
Date : 29/05/2021

**Sampler**

Model : TE-5170  
Serial Number : S/N3641

**Calibration Orifice and Standard Calibration Relationship**

Serial Number : 2454  
Service Date : 28 January 2021  
Slope (m) : 2.06072  
Intercept (b) : -0.01465  
Correlation Coefficient(r) : 0.99993

**Standard Condition**

Pstd (hpa) : 1013  
Tstd (K) : 298.18

**Calibration Condition**

Pa (hpa) : 1007  
Ta(K) : 304

| Resistance Plate |          | dH [green liquid] (inch water) | Z     | X=Qstd (cubic meter/min) | IC (indicated flow) | Y     |
|------------------|----------|--------------------------------|-------|--------------------------|---------------------|-------|
| 1                | 18 holes | 8.4                            | 2.861 | 1.395                    | 53                  | 52.32 |
| 2                | 13 holes | 6.8                            | 2.574 | 1.256                    | 49                  | 48.37 |
| 3                | 10 holes | 5.2                            | 2.251 | 1.099                    | 43                  | 42.45 |
| 4                | 7 holes  | 3.3                            | 1.793 | 0.877                    | 37                  | 36.52 |
| 5                | 5 holes  | 2.0                            | 1.396 | 0.685                    | 30                  | 29.61 |

Notes:  $Z = \sqrt{dH(Pa/Pstd)(Tstd/Ta)}$ ,  $X = Z/m - b$ ,  $Y(\text{Corrected Flow}) = IC * \{\sqrt{Pa/Pstd}(Tstd/Ta)\}$

**Sampler Calibration Relationship**

Slope(m): 31.7571      Intercept(b): 8.110      Correlation Coefficient(r): 0.9987

Checked by: Magnum Fan

Date: 31/05/2021



# Certificate of Calibration

**Calibration Certification Information**
**Cal. Date:** January 28, 2021

**Rootsmeter S/N:** 438320

**Ta:** 294

**°K**
**Operator:** Jim Tisch

**Pa:** 763.5

**mm Hg**
**Calibration Model #:** TE-5025A

**Calibrator S/N:** 2454

| Run | Vol. Init (m3) | Vol. Final (m3) | ΔVol. (m3) | ΔTime (min) | ΔP (mm Hg) | ΔH (in H2O) |
|-----|----------------|-----------------|------------|-------------|------------|-------------|
| 1   | 1              | 2               | 1          | 1.4540      | 3.2        | 2.00        |
| 2   | 3              | 4               | 1          | 1.0210      | 6.4        | 4.00        |
| 3   | 5              | 6               | 1          | 0.9110      | 8.0        | 5.00        |
| 4   | 7              | 8               | 1          | 0.8730      | 8.8        | 5.50        |
| 5   | 9              | 10              | 1          | 0.7200      | 12.9       | 8.00        |

**Data Tabulation**

| Vstd (m3)   | Qstd (x-axis) | $\sqrt{\Delta H \left( \frac{Pa}{Pstd} \right) \left( \frac{Tstd}{Ta} \right)}$ (y-axis) | Va        | Qa (x-axis) | $\sqrt{\Delta H \left( \frac{Ta}{Pa} \right)}$ (y-axis) |
|-------------|---------------|------------------------------------------------------------------------------------------|-----------|-------------|---------------------------------------------------------|
| 1.0140      | 0.6974        | 1.4271                                                                                   | 0.9958    | 0.6849      | 0.8776                                                  |
| 1.0098      | 0.9890        | 2.0182                                                                                   | 0.9916    | 0.9712      | 1.2411                                                  |
| 1.0076      | 1.1061        | 2.2564                                                                                   | 0.9895    | 1.0862      | 1.3875                                                  |
| 1.0066      | 1.1530        | 2.3666                                                                                   | 0.9885    | 1.1323      | 1.4553                                                  |
| 1.0011      | 1.3904        | 2.8542                                                                                   | 0.9831    | 1.3654      | 1.7551                                                  |
| <b>QSTD</b> | <b>m=</b>     | <b>2.06072</b>                                                                           | <b>QA</b> | <b>m=</b>   | <b>1.29039</b>                                          |
|             | <b>b=</b>     | <b>-0.01465</b>                                                                          |           | <b>b=</b>   | <b>-0.00901</b>                                         |
|             | <b>r=</b>     | <b>0.99993</b>                                                                           |           | <b>r=</b>   | <b>0.99993</b>                                          |

**Calculations**

|                                                                                                                                    |                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <b>Vstd=</b> $\Delta Vol((Pa-\Delta P)/Pstd)(Tstd/Ta)$                                                                             | <b>Va=</b> $\Delta Vol((Pa-\Delta P)/Pa)$                                                       |
| <b>Qstd=</b> $Vstd/\Delta Time$                                                                                                    | <b>Qa=</b> $Va/\Delta Time$                                                                     |
| <b>For subsequent flow rate calculations:</b>                                                                                      |                                                                                                 |
| <b>Qstd=</b> $1/m \left( \left( \sqrt{\Delta H \left( \frac{Pa}{Pstd} \right) \left( \frac{Tstd}{Ta} \right)} \right) - b \right)$ | <b>Qa=</b> $1/m \left( \left( \sqrt{\Delta H \left( \frac{Ta}{Pa} \right)} \right) - b \right)$ |

**Standard Conditions**

|                                           |           |
|-------------------------------------------|-----------|
| <b>Tstd:</b>                              | 298.15 °K |
| <b>Pstd:</b>                              | 760 mm Hg |
| <b>Key</b>                                |           |
| ΔH: calibrator manometer reading (in H2O) |           |
| ΔP: rootsmeter manometer reading (mm Hg)  |           |
| Ta: actual absolute temperature (°K)      |           |
| Pa: actual barometric pressure (mm Hg)    |           |
| b: intercept                              |           |
| m: slope                                  |           |

**RECALIBRATION**

US EPA recommends annual recalibration per 1998 40 Code of Federal Regulations Part 50 to 51, Appendix B to Part 50, Reference Method for the Determination of Suspended Particulate Matter in the Atmosphere, 9.2.17, page 30

### EQUIPMENT CALIBRATION RECORD

Type : Laser Dust Monitor  
Manufacturer / Brand : SIBATA  
Model No.: LD-5R  
Equipment No.: LD-5R-002  
Serial No.: 861988  
Sensitivity Adjustment Scale Setting : 621 CPM

#### Standard Equipment

Equipment : MFC High Volume Air Sampler  
Venue : Tung Chung Pier  
Model No.: TE-5170 Total Suspended Particulate  
Serial No.: S/N3641  
Previous Calibration Date: 29-May-2021

#### Calibration Result

Sensitivity Adjustment Scale Setting (Before Calibration) : 621 CPM  
Sensitivity Adjustment Scale Setting (After Calibration) : 621 CPM

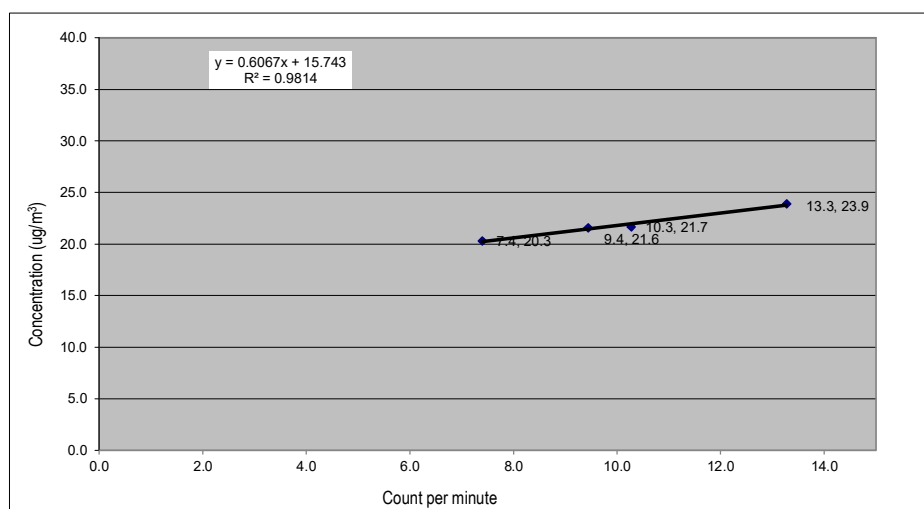
| Date<br>(dd-mmm-yy) | Time  |       | Ambient Condition |          | Concentration<br>(ug/m <sup>3</sup> )<br>Y-axis | Total Count | Count/Minute<br>X-axis |
|---------------------|-------|-------|-------------------|----------|-------------------------------------------------|-------------|------------------------|
|                     |       |       | Temp (°C)         | R.H. (%) |                                                 |             |                        |
| 08-Jun-21           | 14:50 | 16:50 | 31.4              | 63%      | 21.6                                            | 1133        | 9.4                    |
| 08-Jun-21           | 16:56 | 17:56 | 30.8              | 65%      | 20.3                                            | 444         | 7.4                    |
| 18-Jun-21           | 12:38 | 14:38 | 33.0              | 63%      | 21.7                                            | 1233        | 10.3                   |
| 02-Jul-21           | 15:48 | 17:48 | 32.9              | 62%      | 23.9                                            | 1593        | 13.3                   |

Be Linear Regression of Y or X

Slope (K-factor): 0.6067 Intercept, b: 15.7435  
Correlation coefficient (R): 0.9906

Validity of Calibration Record

Remark: Strong Correlation (R>0.8)



Recorded by: Eva Keung

Signature:

Date: 12-Jul-21

Checked by: Ruby Law

Signature:

Date: 12-Jul-21