

REPORT OF EQUIPMENT CALIBRATION

INSTRUMENT DESCRIPTION

It is certified that the item under calibration has been calibrated by corresponding calibrated High Volume Sampler and the filter paper is weighted by HOKLAS laboratory.

Instrument: Handheld TSP meter

Brand Name: TSI
Model No.: AM520
Serial No.: 5201735004
Date of Calibration: 04 October, 2024
Date of Next Calibration: 04 October, 2025

ISSUING ORGANISATION

Address

Enovative Environmental Service Limited

Flat 23, 6/F, Block C, Goldfield Industrial Centre

1 Sui Wo Road Shatin, N.T. Hong Kong **Phone:** 852-2242 1020

Fax: 852-3691 9240 Email: info@eno.com.hk

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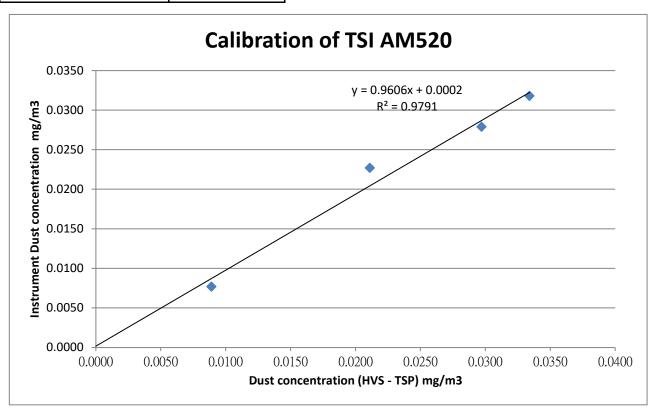


Brand Name: TSI
Model No.: AM520
Serial No.: 5201735004
HVS No.: A12-TSP-102
Date of Calibration: 04 October, 2024
Date of next Calibration: 04 October, 2025

Calibration Record

HVS - TSP (mg/m3)	0.0334	0.0297	0.0089	0.0211
TSI AM520 (mg/m3)	0.0318	0.0279	0.0077	0.0227

K Factor :	0.9606
Correlation Coefficient :	0.9791



*** Filter paper being used in the calibration : 209681, 209682, 209683, 209684 Those filter papers are weighted by HOKLAS laboratory (ALS Technichem (HK) Pty Ltd.)

Mr Wong Siu Ho, Thomas Manager

homas



REPORT OF EQUIPMENT CALIBRATION

INSTRUMENT DESCRIPTION

It is certified that the item under calibration has been calibrated by corresponding calibrated High Volume Sampler and the filter paper is weighted by HOKLAS laboratory.

Instrument: Handheld TSP meter

Brand Name: TSI
Model No.: AM520
Serial No.: 5201735006
Date of Calibration: 04 October, 2024
Date of Next Calibration: 04 October, 2025

ISSUING ORGANISATION

Address

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Mr Wong Siu Ho, Thomas

Manager

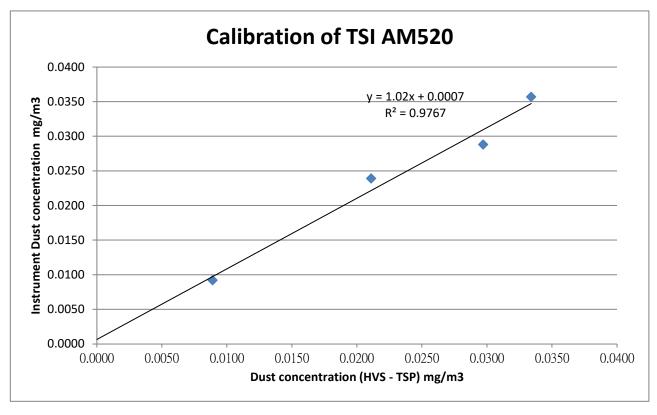


Brand Name: TSI
Model No.: AM520
Serial No.: 5201735006
HVS No.: A12-TSP-102
Date of Calibration: 04 October, 2024
Date of next Calibration: 04 October, 2025

Calibration Record

HVS - TSP (mg/m3)	0.0334	0.0297	0.0089	0.0211
TSI AM520 (mg/m3)	0.0357	0.0288	0.0092	0.0239

K Factor :	1.02
Correlation Coefficient :	0.9767



*** Filter paper being used in the calibration : 209681, 209682, 209683, 209684 Those filter papers are weighted by HOKLAS laboratory (ALS Technichem (HK) Pty Ltd.)

Thomas Thomas



REPORT OF EQUIPMENT CALIBRATION

INSTRUMENT DESCRIPTION

It is certified that the item under calibration has been calibrated by corresponding calibrated High Volume Sampler and the filter paper is weighted by HOKLAS laboratory.

Instrument: Handheld TSP meter

Brand Name: TSI
Model No.: AM520
Serial No.: 5202345003
Date of Calibration: 04 October, 2024
Date of Next Calibration: 04 October, 2025

ISSUING ORGANISATION

Address

Enovative Environmental Service Limited

Phone: 852-2242 1020

Flat 23, 6/F, Block C, Goldfield Industrial Centre

1 Sui Wo Road

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Shatin, N.T. Hong Kong

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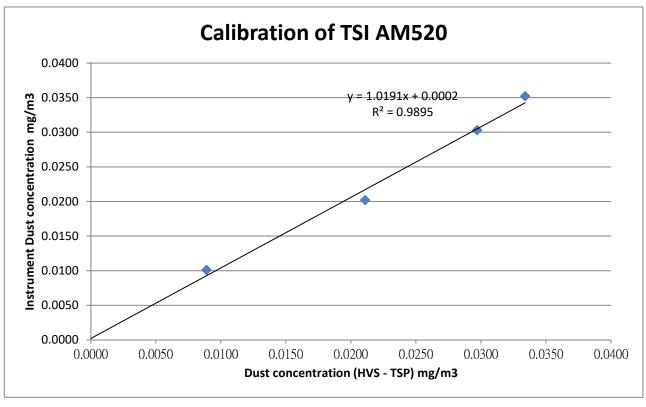


Brand Name: TSI
Model No.: AM520
Serial No.: 5202345003
HVS No.: A12-TSP-102
Date of Calibration: 04 October, 2024
Date of next Calibration: 04 October, 2025

Calibration Record

HVS - TSP (mg/m3)	0.0334	0.0297	0.0089	0.0211
TSI AM520 (mg/m3)	0.0352	0.0303	0.0101	0.0202

K Factor :	1.0191
Correlation Coefficient :	0.9895



*** Filter paper being used in the calibration : 209681, 209682, 209683, 209684 Those filter papers are weighted by HOKLAS laboratory (ALS Technichem (HK) Pty Ltd.)

ENDVATIVE OF Thomas



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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No.

: R-BE070138

Date of Issue

: 24 July 2025

Page No.

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PART A - CUSTOMER INFORMATION

Enovative Environmental Service Ltd.

Flat 2207, Yu Fun House Yu Chui Court, Shatin

New Territories (HK) Hong Kong

PART B - SAMPLE INFORMATION

Name of Equipment:

YSI ProDSS Multi Parameters

Manufacturer:

YSI

Serial Number:

24A102447

Date of Received:

22 July 2025

Date of Calibration : Date of Next Calibration : 22 July 2025 21 October 2025

Request No.:

D-BE070138

PART C - REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

Test Parameter

Reference Method

pH value

APHA 21e 4500-H+ B

Temperature

Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March

2008: Working Thermometer Calibration Procedure

Salinity

APHA 21e 2520 B

Dissolved oxygen

APHA 23e 4500-O G (Membrane Electrode Method)

Turbidity

APHA 21e 2130 B (Nephelometric Method)

Conductivity

APHA 21e 2510 B

PART D - CALIBRATION RESULT

(1) pH value

Target (pH unit)	Display Reading (pH unit)	Tolerance (pH unit)	Result
4.00	4.05	0.05	Satisfactory
7.42	7.50	0.08	Satisfactory
10.01	10.07	0.06	Satisfactory

Tolerance of pH value should be less than ± 0.2 (pH unit)

(2) Temperature

Reading of Ref. thermometer (°C)	Display Reading (°C)	Tolerance (°C)	Result
10.5	10.2	-0.3	Satisfactory
24	23.9	-0.1	Satisfactory
39.5	39.4	-0.1	Satisfactory

Tolerance of Temperature should be less than \pm 2.0 (°C)

(3) Salinity

Expected Reading (g/L)	Display Reading (g/L)	Tolerance (%)	Result
10	10.04	0.40	Satisfactory
20	20.86	4.30	Satisfactory
30	29.36	-2.13	Satisfactory

Tolerance of Salinity should be less than ± 10.0 (%)

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AUTHORIZED SIGNATORY:

FUNG Yuen-ching
Laboratory Manager



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(4) Dissolved oxygen

Expected Reading (mg/L)	Display Reading (mg/L)	Tolerance (mg/L)	Result
7.72	7.78	0.06	Satisfactory
5.47	5.40	-0.07	Satisfactory
3.86	3.80	-0.06	Satisfactory
0.5	0.61	0.11	Satisfactory

Tolerance of Dissolved oxygen should be less than \pm 0.5 (mg/L)

(5) Turbidity

Expected Reading (NTU)	Display Reading (NTU)	Tolerance (a) (%)	Result
0	0.08	-	Satisfactory
10	10.04	0.4	Satisfactory
20	20.72	3.6	Satisfactory
100	97.52	-2.5	Satisfactory
800	776.34	-3.0	Satisfactory

Tolerance of Turbidity should be less than \pm 10.0 (%)

(6) Conductivity

Expected Reading (μS/cm at 25°C)	Display Reading (μS/cm at 25°C)	Tolerance (%)	Result
146.9	158.2	7.7	Satisfactory
1412	1340	-5.1	Satisfactory
12890	11980	-7.1	Satisfactory
58670	54692	-6.8	Satisfactory
111900	107352	-4.1	Satisfactory

Tolerance of Conductivity should be less than \pm 10.0 (%)

Remark(s)

- The "Date of Next Calibration" is recommended according to best practice principles followed by QPT or relevant international standards.
- The results relate only to the calibrated equipment as received.
- The performance of the equipment stated in this report is checked using independent reference material, with results compared against a calibrated secondary source.
- "Displayed Reading" denotes the figure shown on the item under calibration/checking, regardless of equipment precision or significant figures.
- The "Tolerance Limit" mentioned is the acceptance criteria applicable to similar equipment used by Quality Pro Test-Consult Ltd. or quoted from relevant international standards.

⁽a) For 0 NTU, Display Reading should be less than 1 NTU



REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No.

: R-BE070067

Date of Issue

: 14 July 2025

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PART A - CUSTOMER INFORMATION

Enovative Environmental Service Ltd.

Flat 2207, Yu Fun House Yu Chui Court, Shatin

New Territories (HK) Hong Kong

PART B - SAMPLE INFORMATION

Name of Equipment:

YSI ProDSS Multi Parameters

Manufacturer:

YSI

Serial Number :

17H105557

Date of Received:

10 July 2025

Date of Calibration:

10 July 2025

Date of Next Calibration : Request No. :

09 October 2025 D-BE070067

PART C - REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

Test Parameter

Reference Method

pH value

APHA 21e 4500-H+ B

Temperature

Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March

2008: Working Thermometer Calibration Procedure

Dissolved oxygen

APHA 23e 4500-O G (Membrane Electrode Method)

Conductivity

APHA 21e 2510 B

Salinity

APHA 21e 2520 B

Turbidity

APHA 21e 2130 B (Nephelometric Method)

PART D - CALIBRATION RESULT

(1) pH value

Target (pH unit)	Display Reading (pH unit)	Tolerance	Result
4.00	4.06	0.06	Satisfactory
7.42	7.40	-0.02	Satisfactory
10.01	10.06	0.05	Satisfactory

Tolerance of pH value should be less than \pm 0.2 (pH unit)

(2) Temperature

Reading of Ref. thermometer (°C)	Display Reading (°C)	Tolerance (°C)	Result
12.3	12.6	0.3	Satisfactory
26.5	26.8	0.3	Satisfactory
44	43.9	-0.1	Satisfactory

Tolerance of Temperature should be less than $\pm\,2.0$ ($^{\circ}C$)

(3) Dissolved oxygen

Expected Reading (mg/L)	Display Reading (mg/L)	Tolerance (mg/L)	Result
0.1	0.02	-0.08	Satisfactory
3.0	2.90	-0.1	Satisfactory
4.97	4.82	-0.15	Satisfactory
7.1	7.03	-0.07	Satisfactory

Tolerance of Dissolved oxygen should be less than \pm 0.5 (mg/L)

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AUTHORIZED SIGNATORY:





REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

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(4) Conductivity

Expected Reading (μS/cm at 25°C)	Display Reading (μS/cm at 25°C)	Tolerance (%)	Result
146.9	158.2	7.7	Satisfactory
1412	1439	1.9	Satisfactory
12890	12374	-4.0	Satisfactory
58670	53589	-8.7	Satisfactory
111900	101272	- 9.5	Satisfactory

Tolerance of Conductivity should be less than ± 10.0 (%)

(5) Salinity

Expected Reading (g/L)	Display Reading (g/L)	Tolerance (%)	Result
10	10.20	2.0	Satisfactory
20	20.26	1.3	Satisfactory
30	28.34	-5.53	Satisfactory

Tolerance of Salinity should be less than \pm 10.0 (g/L)

(6) Turbidity

Expected Reading (NTU)	Display Reading (NTU)	Tolerance (a) (%)	Result
0	0.07	=	Satisfactory
10	10.02	0.2	Satisfactory
20	19.64	-1.8	Satisfactory
100	98.64	-1.36	Satisfactory
800	847.14	5.89	Satisfactory

Tolerance of Turbidity should be less than $\pm~10.0$ (%)

Remark(s): -

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⁽a) For 0 NTU, Display Reading should be less than 1 NTU



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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No. : R-BE070066 Date of Issue : 14 July 2025

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PART A - CUSTOMER INFORMATION

Enovative Environmental Service Ltd. Flat 2207, Yu Fun House Yu Chui Court, Shatin New Territories (HK) Hong Kong

PART B - SAMPLE INFORMATION

Name of Equipment: YSI ProDSS Multi Parameters

Manufacturer:

Serial Number: S/N: 21K101469 Date of Received: 10 July 2025 Date of Calibration: 10 July 2025 Date of Next Calibration: 09 October 2025 Request No.: D-BE070066

PART C - REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

Test Parameter Reference Method pH value APHA 21e 4500-H+ B

Temperature Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March

2008: Working Thermometer Calibration Procedure

Salinity APHA 21e 2520 B

Dissolved oxygen APHA 23e 4500-O G (Membrane Electrode Method) Turbidity APHA 21e 2130 B (Nephelometric Method)

Conductivity APHA 21e 2510 B

PART D - CALIBRATION RESULT

(1) pH value

Target (pH unit)	Display Reading (pH unit)	Tolerance	Result
4.00	4.07	0.07	Satisfactory
7.42	7.46	0.04	Satisfactory
10.01	9.98	-0.03	Satisfactory

Tolerance of pH value should be less than ± 0.2 (pH unit)

(2) Temperature

Reading of Ref. thermometer (°C)	Display Reading (°C)	Tolerance (°C)	Result
12.3	12.5	0.2	Satisfactory
26.5	26.9	0.4	Satisfactory
44	43.9	-0.1	Satisfactory

Tolerance of Temperature should be less than ± 2.0 (°C)

(3) Salinity

Expected Reading (g/L)	Display Reading (g/L)	Tolerance (%)	Result
10	10.02	0.2	Satisfactory
20	19.72	-1.4	Satisfactory
30	28.24	-5.87	Satisfactory

Tolerance of Salinity should be less than ± 10.0 (%)

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AUTHORIZED SIGNATORY:



Laboratory Manager



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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No.

: R-BE070066

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(4) Dissolved oxygen

Expected Reading (mg/L)	Display Reading (mg/L)	Tolerance (mg/L)	Result
0.1	0.01	-0.09	Satisfactory
3.0	2.91	-0.09	Satisfactory
4.97	4.9	-0.07	Satisfactory
7.1	7.16	0.06	Satisfactory

Tolerance of Dissolved oxygen should be less than ± 0.5 (mg/L)

(5) Turbidity

Expected Reading (NTU)	Display Reading (NTU)	Tolerance (a)	Result
0	0.04	-	Satisfactory
10	10.27	2.7	Satisfactory
20	20.26	1.3	Satisfactory
100	96.42	-3.58	Satisfactory
800	863.72	7.97	Satisfactory

Tolerance of Turbidity should be less than ± 10.0 (%)

(6) Conductivity

Expected Reading (μS/cm at 25°C)	Display Reading (μS/cm at 25°C)	Tolerance (%)	Result
146.9	152.6	3.9	Satisfactory
1412	1380	-2.3	Satisfactory
12890	11972	-7.1	Satisfactory
58670	54843	-6.5	Satisfactory
111900	104796	-6.3	Satisfactory

Tolerance of Conductivity should be less than $\pm~10.0$ (%)

Remark(s)

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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No.

: R-BE070139

Date of Issue

: 24 July 2025

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PART A - CUSTOMER INFORMATION

Enovative Environmental Service Ltd.

Flat 2207, Yu Fun House Yu Chui Court, Shatin

New Territories (HK) Hong Kong

PART B - SAMPLE INFORMATION

Name of Equipment:

YSI ProDSS Multi Parameters

Manufacturer:

YSI

Serial Number:

21G105356

Date of Received:

22 July 2025

Date of Calibration:
Date of Next Calibration:

22 July 2025

Request No.:

21 October 2025 D-BE070139

PART C - REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

Test Parameter

Reference Method

pH value

APHA 21e 4500-H+ B

Temperature

Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March

2008: Working Thermometer Calibration Procedure

Salinity

APHA 21e 2520 B

Dissolved oxygen

APHA 23e 4500-O G (Membrane Electrode Method)

Turbidity

APHA 21e 2130 B (Nephelometric Method)

Conductivity

APHA 21e 2510 B

PART D - CALIBRATION RESULT

(1) pH value

Target (pH unit)	Display Reading (pH unit)	Tolerance (pH unit)	Result
4.00	4.02	0.02	Satisfactory
7.42	7.48	0.06	Satisfactory
10.01	10.08	0.07	Satisfactory

Tolerance of pH value should be less than $\pm\,0.2$ (pH unit)

(2) Temperature

Reading of Ref. thermometer (°C)	Display Reading (°C)	Tolerance (°C)	Result
10.5	10.4	-0.1	Satisfactory
24	24.1	0.1	Satisfactory
39.5	39.1	-0.4	Satisfactory

Tolerance of Temperature should be less than $\pm\,2.0$ ($^{\circ}C$)

(3) Salinity

Expected Reading (g/L)	Display Reading (g/L)	Tolerance (%)	Result
10	10.02	0.20	Satisfactory
20	20.27	1.35	Satisfactory
30	30.22	0.73	Satisfactory

Tolerance of Salinity should be less than ± 10.0 (%)

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AUTHORIZED SIGNATORY:

FUNG Yuen ching Laboratory Manager



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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No.

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Date of Issue

: 24 July 2025

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(4) Dissolved oxygen

Expected Reading (mg/L)	Display Reading (mg/L)	Tolerance (mg/L)	Result (mg/L)
7.72	7.83	0.11	Satisfactory
5.47	5.56	0.09	Satisfactory
3.86	3.78	-0.08	Satisfactory
0.5	0.42	-0.08	Satisfactory

Tolerance of Dissolved oxygen should be less than \pm 0.5 (mg/L)

(5) Turbidity

Expected Reading (NTU)	Display Reading (NTU)	Tolerance (a) (%)	Result
0	0.12	-	Satisfactory
10	10.06	0.6	Satisfactory
20	20.08	0.4	Satisfactory
100	96.34	-3.7	Satisfactory
800	764.28	-4.5	Satisfactory

Tolerance of Turbidity should be less than ± 10.0 (%)

(6) Conductivity

Expected Reading (μS/cm at 25°C)	Display Reading (μS/cm at 25°C)	Tolerance (%)	Result
146.9	150.2	2.2	Satisfactory
1412	1370	-3.0	Satisfactory
12890	12640	-1.9	Satisfactory
58670	57298	-2.3	Satisfactory
111900	109218	-2.4	Satisfactory

Tolerance of Conductivity should be less than ± 10.0 (%)

Remark(s): -

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⁽a) For 0 NTU, Display Reading should be less than 1 NTU



Hong Kong Accreditation Service 香港認可處

Certificate of Accreditation

認可證書

This is to certify that 特此證明

ALS TECHNICHEM (HK) PTY LIMITED

11/F, Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, New Territories, Hong Kong 香港新界葵涌永業街1-3號忠信針織中心11樓

is accredited by the Hong Kong Accreditation Service (HKAS) to ISO/IEC 17025:2017 for performing specific laboratory activities as listed in the scope of accreditation within the test category of 獲香港認可處根據ISO/IEC 17025:2017認可 進行載於認可範圍內下述測試類別中的指定實驗所活動

Environmental Testing

環境測試

This accreditation to ISO/IEC 17025:2017 demonstrates technical competence for a defined scope and the implementation of a management system relevant to laboratory operation (see joint IAF-ILAC-ISO Communiqué).

此項 ISO/IEC 17025:2017 的認可資格證明此實驗所具備指定範疇內所須的技術能力並 實施一套與實驗所運作相關的管理體系 (見國際認可論壇、國際實驗所認可合作組織及國際標準化組織的聯合公報)。

The common seal of HKAS is affixed hereto by the authority of the HKAS Executive 現經香港認可處執行機關授權在此蓋上香港認可處的印章

SHUM Wai-leung, Executive Administrator

執行幹事 沈偉良

Issue Date: 28 February 2020

簽發日期:二零二零年二月二十八日

Registration Number: HOKLAS 066

註冊號碼:



Date of First Registration: 15 September 1995 首次註冊日期:一九九五年九月十五日