



REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

CONTACT: SAMUEL LAI
CLIENT: EGS (ASIA) LTD
ADDRESS: 15/F., NORTH POINT INDUSTRIAL BUILDING,
499 KING'S ROAD,
NORTH POINT, HONG KONG

WORK ORDER: HK2100290
SUB- BATCH: 0
LABORATORY: HONG KONG
DATE RECEIVED: 05-Jan-2021
DATE OF ISSUE: 06-Jan-2021

SPECIFIC COMMENTS

Equipment information (Brand name, Model No., Serial No. and Equipment No.) is provided by client. The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.

The "Tolerance Limit" quoted is the acceptance criteria applicable for similar equipment used by the laboratory or quoted from relevant international standards.

The "Next Calibration Date" is recommended according to best practice principle as practised by the laboratory or quoted from relevant international standards.

The validity of equipment/ meter performance only applies to the result(s) stated in the report.

The calibration was performed by client in ALS Laboratory.

Equipment Type: Multifunctional Meter
Service Nature: Performance Check
Scope: Dissolved Oxygen, pH Value, Turbidity, Salinity and Temperature
Brand Name/ Model No.: YSI 6820-C-M
Serial No./ Equipment No.: 02J0058-AB / MPP16
Date of Calibration: 05-January-2021

GENERAL COMMENTS

This is the Final Report and supersedes any preliminary report with this batch number.

Ms. Lin Wai Yu, Iris
Assistant Manager - Inorganic

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Equipment Type: Multifunctional Meter
Brand Name/ Model No.: YSI 6820-C-M
Serial No./ Equipment No.: 02J0058-AB / MPP16
Date of Calibration: 05-January-2021 **Date of Next Calibration:** 05-April-2021

PARAMETERS:

Dissolved Oxygen Method Ref: APHA (21st edition), 4500G: G

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)
3.89	3.86	-0.03
5.98	6.03	+0.05
8.86	8.97	+0.11
Tolerance Limit (mg/L)		±0.20

pH Value Method Ref: APHA (21st edition), 4500H: B

Expected Reading (pH unit)	Displayed Reading (pH unit)	Tolerance (pH unit)
4.0	4.09	+0.09
7.0	6.96	-0.04
10.0	9.93	-0.07
Tolerance Limit (pH unit)		±0.20

Turbidity Method Ref: APHA (21st edition), 2130B

Expected Reading (NTU)	Displayed Reading (NTU)	Tolerance (%)
0	0.2	--
4	4.0	+0.0
40	40.9	+2.3
80	78.9	-1.4
Tolerance Limit (%)		±10.0

Remark: "Displayed Reading" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.

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 Assistant Manager - Inorganic

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Brand Name/
Model No.: YSI 6820-C-M
Serial No./
Equipment No.: 02J0058-AB / MPP16
Date of Calibration: 05-January-2021

Date of Next Calibration: 05-April-2021

PARAMETERS:

Salinity

Method Ref: APHA (21st edition), 2520B

Expected Reading (ppt)	Displayed Reading (ppt)	Tolerance (%)
0	0.09	--
10	10.04	+0.4
20	20.02	+0.1
30	29.98	-0.1
	Tolerance Limit (%)	±10.0

Temperature

Method Ref: Section 6 of International Accreditation New Zealand Technical
Guide No. 3 Second edition March 2008: Working Thermometer Calibration Procedure.

Expected Reading (°C)	Displayed Reading (°C)	Tolerance (°C)
11.0	11.14	+0.1
25.0	25.55	+0.6
37.0	37.42	+0.4
	Tolerance Limit (°C)	±2.0

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REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

CONTACT:	SAMUEL LAI	WORK ORDER:	HK2100287
CLIENT:	EGS (ASIA) LTD	SUB- BATCH:	0
ADDRESS:	15/F., NORTH POINT INDUSTRIAL BUILDING, 499 KING'S ROAD, NORTH POINT, HONG KONG	LABORATORY:	HONG KONG
		DATE RECEIVED:	05-Jan-2021
		DATE OF ISSUE:	06-Jan-2021

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The calibration was performed by client in ALS Laboratory.

Equipment Type:	Multifunctional Meter
Service Nature:	Performance Check
Scope:	Dissolved Oxygen, pH Value, Turbidity, Salinity and Temperature
Brand Name/ Model No.:	YSI 6920-V2-M
Serial No./ Equipment No.:	08C100240 / MPP30
Date of Calibration:	05-January-2021

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CLIENT: EGS (ASIA) LTD

Equipment Type: Multifunctional Meter
Brand Name/
Model No.: YSI 6920-V2-M
Serial No./
Equipment No.: 08C100240 / MPP30
Date of Calibration: 05-January-2021

Date of Next Calibration: 05-April-2021

PARAMETERS:

Dissolved Oxygen Method Ref: APHA (21st edition), 4500G: G

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)
3.61	3.47	-0.14
5.82	5.86	+0.04
8.87	8.97	+0.10
	Tolerance Limit (mg/L)	±0.20

pH Value

Method Ref: APHA (21st edition), 4500H: B

Expected Reading (pH unit)	Displayed Reading (pH unit)	Tolerance (pH unit)
4.0	4.02	+0.02
7.0	7.01	+0.01
10.0	9.87	-0.13
	Tolerance Limit (pH unit)	±0.20

Turbidity

Method Ref: APHA (21st edition), 2130B

Expected Reading (NTU)	Displayed Reading (NTU)	Tolerance (%)
0	0.0	--
4	4.3	+7.5
40	38.3	-4.3
80	78.5	-1.9
	Tolerance Limit (%)	±10.0

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Equipment No.: 08C100240 / MPP30
Date of Calibration: 05-January-2021

Date of Next Calibration: 05-April-2021

PARAMETERS:

Salinity

Method Ref: APHA (21st edition), 2520B

Expected Reading (ppt)	Displayed Reading (ppt)	Tolerance (%)
0	0.18	--
10	10.06	+0.6
20	19.97	-0.2
30	29.95	-0.2
	Tolerance Limit (%)	±10.0

Temperature

Method Ref: Section 6 of International Accreditation New Zealand Technical
Guide No. 3 Second edition March 2008: Working Thermometer Calibration Procedure.

Expected Reading (°C)	Displayed Reading (°C)	Tolerance (°C)
8.5	8.82	+0.3
23.0	23.60	+0.6
36.0	36.25	+0.3
	Tolerance Limit (°C)	±2.0

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