



REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

CONTACT: HENRY LAU
CLIENT: LAM ENVIRONMENTAL SERVICES LTD
ADDRESS: 19/F, REMEX CENTRE,
42 WONG CHUK HANG ROAD,
HONG KONG

WORK ORDER: HK2106605
SUB- BATCH: 0
LABORATORY: HONG KONG
DATE RECEIVED: 16- Feb- 2021
DATE OF ISSUE: 23- Feb- 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.

Equipment Type: Multifunctional Meter
Service Nature: Performance Check
Scope: Dissolved Oxygen, pH Value, Salinity and Temperature
Brand Name/ Model No.: YSI Professional Plus
Serial No./ Equipment No.: 16J100298
Date of Calibration: 17- February- 2021

GENERAL COMMENTS

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

Mr Chan Siu Ming, Vico
Manager - Inorganic

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Brand Name/ Model No.: YSI Professional Plus
Serial No./ Equipment No.: 16J100298
Date of Calibration: 17- February- 2021 **Date of Next Calibration:** 17- May- 2021

PARAMETERS:

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

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)
3.97	3.94	- 0.03
5.18	5.07	- 0.11
8.72	8.70	- 0.02
	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	3.90	- 0.10
7.0	7.18	+ 0.18
10.0	9.89	- 0.11
	Tolerance Limit (pH unit)	± 0.20

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

Expected Reading (ppt)	Displayed Reading (ppt)	Tolerance (%)
0	0.02	--
10	9.86	- 1.4
20	19.37	- 3.2
30	28.96	- 3.5
	Tolerance Limit (%)	± 10.0

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

Mr Chan Siu Ming, Vico
Manager - Inorganic

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Serial No./ Equipment No.: 16J100298
Date of Calibration: 17- February- 2021 **Date of Next Calibration:** 17- May- 2021

PARAMETERS:

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)
10.5	10.1	- 0.4
20.5	20.0	- 0.5
39.5	39.3	- 0.2
	Tolerance Limit (°C)	± 2.0

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

A handwritten signature in black ink, appearing to read 'Chan Siu Ming'.

Mr Chan Siu Ming, Vico
Manager - Inorganic



REPORT OF EQUIPMENT PERFORMANCE CHECK / CALIBRATION

WORK ORDER: 22777053-A22B4803
DATE OF ISSUE: 29/01/2021
CLIENT: LAM ENVIRONMENTAL SERVICES

Equipment Type:	Turbidimeter
Brand Name:	Xin Rui
Model No.:	WGZ-3B
Serial No.:	1807079
Equipment No.:	---
Date of Calibration:	29/01/2021
Date of next Calibration:	01/05/2021
Lab I.D.:	H210012-03

Parameters:

Turbidity

Method Ref: APHA 22nd ed. 2130B

Expected Reading (NTU)	Display Reading (NTU)	Tolerance
0	0.00	---
4	3.69	-7.8%
10	9.99	-0.1%
40	38.59	-3.5%
100	99.73	-0.3%
400	440	10.0%
1000	1000	0.0%
	Tolerance Limit (±)	10%

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