

MEMBER



# Certificate of Membership

***AQUA LIGHTTECH LIMITED***

HAVING CLEARLY EVIDENCED SINCERE INTEREST  
IN THE PROGRESS AND THE DEVELOPMENT OF WATER  
QUALITY FOR ALL MANKIND YOU ARE HEREBY  
ELECTED TO MEMBERSHIP WITH FULL PRIVILEGES IN

**WATER QUALITY ASSOCIATION**

2007

2014

2015

2016

2017



# CERTIFICATE OF REGISTRATION

Certificate No.: 117 15 QU 0107-04 ROS

This is to certify the quality management systems of

## Aqua Lightech Limited

Organization code 09421876-3

Location Room 2081, Floor 2, Building 1, No. 1025 Laiyin Road, Jiuting Town, Songjiang District, Shanghai

has been assessed and registered as meeting the requirements of ISO9001:2008

Scope of approval

**Sales of Water Treatment (Sterilization) Equipment**

Signed by: \_\_\_\_\_



Approval Date: 10 Apr. 2015  
Expiry Date: 09 Apr. 2018

Shanghai Ingeer Certification Assessment Services Co., Ltd.  
Certification and Accreditation Administration of PRC: CNCA-R-2003-117  
United Kingdom Accreditation Service: CB No. 0260  
Tel : +86 21-51114700  
Fax : +86 21-54253541  
Web : www.icasiso.com  
Add: Room 801, HuaDing Mansion, 2368# West Zhongshan Rd.,  
Xuhui District, Shanghai, China, 200235



First Surveillance Audit    Second Surveillance Audit    Third Surveillance Audit

The certificate information can be checked on the CNCA website: WWW.CNCA.GOV.CN. The validation of the certificate also can be obtained through www.icasiso.com or by calling ICAS' clients Services Dept. This certificate is only valid when used together with related permits when appropriate. This certificate holder must successfully pass yearly periodical audits to maintain the validity of the certificate after the certificate approval date. The Certificate remains the property of ICAS, to whom it must be returned if the management system of the certificate holder is approved to fail to be in conformity with the certification standard.

# Test Report

NO.: HY15JR-1053R-01

Page 1 of 5

**Applicant:** Aqua Lightech Limited

**Address:** Room#2081, No.1025, Laiyin Road, Jiuting, Songjing District, Shanghai, 201615, China.

**Report on the submitted sample said to be:**

**Sample name:** Ultraviolet Disinfection System

**Trademark :** **Aqualight**®

**Model:** PUV

**Sample received date:** Nov. 04, 2015

**Testing period:** From Nov. 04, 2015 to Nov.16, 2015

**Testing Requested:**

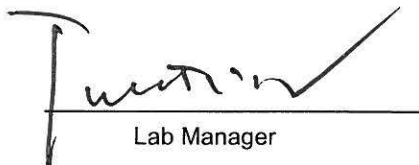
In accordance with Regulation (EC) No.1935/2004 and Regulation (EU)No.10/2011 to determine the submitted sample:

1. For material: Stainless steel, Extractable heavy metal (Lead, Cadmium, Chromium, Nickel, Copper, Cobalt and Antimony)
2. For material: Stainless steel, To determine the composition analysis in the submitted sample.
3. For material: glass, Extractable heavy metal (Lead, Cadmium);
4. For material: rubber; -Overall migration test;
5. For material: rubber; Formaldehyde migration;
6. For material: rubber; Lead and Zinc content test;
7. For material: rubber; Aromatic Amine migration test
8. For material: rubber; Nitrosamines and nitrosamines content test

**Results:** Please refer to next page

\*\*\*\*\*FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)\*\*\*\*\*

Authorized signature



Lab Manager



Nov.16, 2015

**Notes:**

This report is only responsible for the tested sample(s) from the client. Without the writing agreement of the company, the client is not allowed to copy the report in part (entire copy is excepted)

# Test Report

NO.: HY15JR-1053R-01

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## Testing method:

1. With reference to EN 1388
2. With reference to EN 10088
3. With reference to EN 1388
4. With reference to EN1186
5. With reference to EN 1541: 2001
6. With reference to EN 10088
7. With reference to EN 14362-1/2
8. With reference to BfR Recommendation Part XXI

## Test Results:

### (1) Extractable heavy metal

Item	Unit	Limit	A
Extractable Lead (Pb) 4% acetic acid, 40°C 24h	mg/dm <sup>2</sup>	0.01	<0.01
Extractable Cadmium (Cd) 4% acetic acid, 40°C 24h	mg/dm <sup>2</sup>	0.005	<0.001
Extractable Chrome (Cr) 4% acetic acid, 40°C 24h	mg/dm <sup>2</sup>	0.4	<0.01
Extractable Nickel (Ni) 4% acetic acid, 40°C 24h	mg/dm <sup>2</sup>	0.1	<0.01
Extractable Copper (Cu) 4% acetic acid, 40°C 24h	mg/dm <sup>2</sup>	0.5	<0.01
Extractable Antimony (Sb) 4% acetic acid, 40°C 24h	mg/dm <sup>2</sup>	Absent	Absent
Extractable Cobalt (Co) 4% acetic acid, 40°C 24h	mg/dm <sup>2</sup>	Absent	Absent

### (2) Composition analysis

Item	Unit	MQL	A
Chromium (Cr)	%	0.0002	18.8133
Tantalum (Ta)	%	0.0002	N.D.
Niobium (Nb)	%	0.0002	N.D.
Zirconium (Zr)	%	0.0002	N.D.
Molybdenum (Mo)	%	0.0002	0.02892
Titanium (Ti)	%	0.0002	N.D.
Aluminum (Al)	%	0.0002	N.D.
Copper (Cu)	%	0.0002	0.04746
Nickel (Ni)	%	0.0002	8.1232

# Test Report

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### (3) Extractable heavy metal

Item	Unit	Limit	B
Extractable Lead (Pb) 4% acetic acid, 40°C 24h	mg/dm <sup>2</sup>	0.01	<0.01
Extractable Cadmium (Cd) 4% acetic acid, 40°C 24h	mg/dm <sup>2</sup>	0.005	<0.001

### (4). Overall Migration test

Parameter	Unit	Maximum Limit	C
-Distilled Water, 100°C, 4h	mg/dm <sup>2</sup>	10	<2
-3% Acid Acetic, 100°C, 4h	mg/dm <sup>2</sup>	10	<2
-10% Ethanol, 100°C, 4h	mg/dm <sup>2</sup>	10	<2
-Distilled Olive oil substitute, 100°C, 4h	mg/dm <sup>2</sup>	10	<2

### (5): Formaldehyde migration:

Test component	Unit	Maximum Limit	C
Formaldehyde migration	mg/kg	1	<1

### (6): Heavy metal content (Lead and Zinc )

Item	Unit	Maximum Limit	C
Lead (Pb)	%	10	<1
Zinc (Zn)	%	10	<1

### (7):Aromatic Amine migration:

Test component	Unit	Limit	C
Aromatic Amine migration (calculated as aniline hydrochloride)	mg/kg	Absent	Absent

### (8):Nitrosamines and nitrosamines

Test component	Unit	Limit	C
Nitrosamines and nitrosamines	mg/kg	Absent	Absent

# Test Report

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## Specimen Description:

CODE	The sample description	Material
A	Silver metallic	stainless steel
B	Transparent glass tube	glass
C	Rubber ring	rubber

## Note:

- Photo is included

## Appendix Photo:

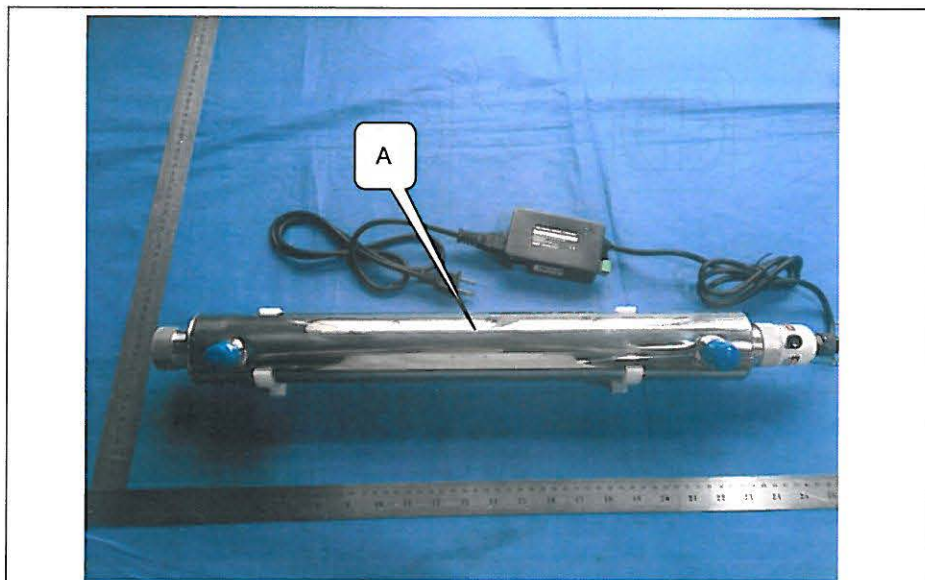


Photo 1 Test sample view

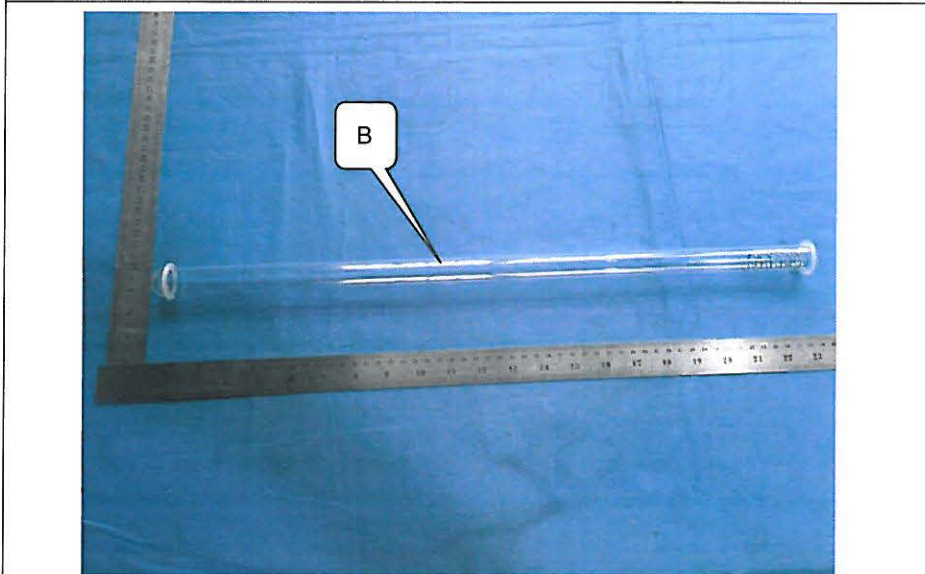


Photo 2 Test sample view

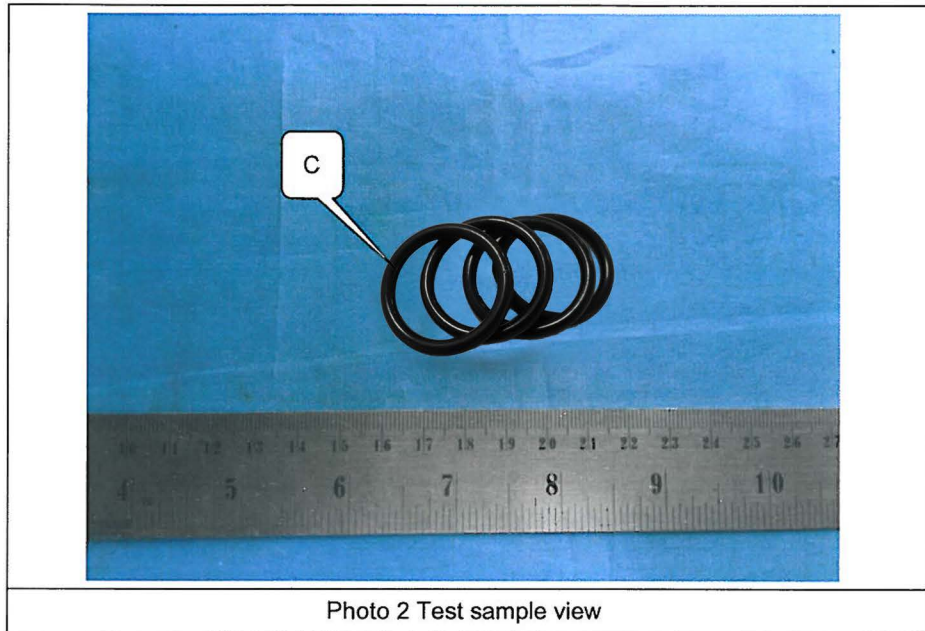


Photo 2 Test sample view

\*\*\*End of Report\*\*\*



Best Service of Testing  
since2003

# Certificate of Compliance

Certificate NO. : SHBST150320130034982329YEC-1

Applicant : AQUA LIGHTECH LIMITED  
Room2081, No.1025, Laiyin Road, Jiuting, Songjiang District,  
Shanghai, China

Manufacturer : AQUA LIGHTECH LIMITED  
Room2081, No.1025, Laiyin Road, Jiuting, Songjiang District,  
Shanghai, China

Product Name : UV ELECTRONIC BALLAST

Trade Name : **Aqualight**<sup>®</sup>

Main Test Model : GDB800155L2

Additional Model : BAP2022, BAP4022, BAP40365, BAP100365, BAP40365MS,  
BAP100365MS, GDB42540L2, GDB80095L2, GDB800155L2

Test Standard : EN 55015:2013  
EN 61547:2009  
EN 61000-3-2:2014  
EN 61000-3-3:2013

As shown in the Test Report No. : SHBST150320130034982329YER-1.

The EUT described above has been tested by us with the listed standards and found in compliance with the council EMC directive 2004/108/EC. It is possible to use CE marking to demonstrate the compliance with this EMC Directive.

The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production.



Christina  
Manager

Mar. 26, 2015

**Shenzhen BST Technology Co.,Ltd.**

Add: Building No.23-24, Ziheng Industrial Park, Guankouer Road, Nantou, Nanshan District, Shenzhen, Guangdong,  
China, Certificate Search: <http://www.bst-lab.com>, Tel:400-882-9628, 8009990305, E-mail:christina@bst-lab.com





Best Service of Testing  
since 2003

# Certificate of Compliance

**Certificate NO. : SHBST150320130034982329-1YSC-2**

**Applicant : AQUA LIGHTECH LIMITED**  
Room2081, No.1025, Laiyin Road, Jiuting, Songjiang  
District, Shanghai, China

**Manufacturer : AQUA LIGHTECH LIMITED**  
Room2081, No.1025, Laiyin Road, Jiuting, Songjiang  
District, Shanghai, China

**Product Name : UV ELECTRONIC BALLAST**

**Trade Name : *Aqualight***

**Main Test Model : GDB800155L2**

**Additional Model : BAP2022, BAP4022, BAP40365, BAP100365, BAP40365MS,  
BAP100365MS, GDB42540L2, GDB80095L2, GDB800155L2**

**Test Standard : EN 61347-2-3:2011  
EN 61347-1: 2008+A1:2011+A2:2013**

**As shown in the Test Report No. : SHBST150320130034982329-1YSR-2**

The EUT described above has been tested by us with the listed standards and found in compliance with the council LVD directive 2006/95/EC. It is possible to use CE marking to demonstrate the compliance with this LVD Directive.

The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production.



**Christina  
Manager  
Mar. 26, 2015**

**Shenzhen BST Technology Co., Ltd.**

Add: Building No.23-24, Zhiheng Industrial Park, Guankouer Road, Nantou, Nanshan District, Shenzhen, Guangdong, China

Certificate Search: <http://www.bst-lab.com>, Tel: 400-882-9628, 8009990305, E-mail: [christina@bst-lab.com](mailto:christina@bst-lab.com)



Best Service of Testing  
since 2003

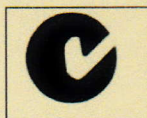
# DECLARATION OF CONFORMITY

This product is in conformance with AS/NZS CISPR15, for Information Technology Equipment.

Trade Name:	<b>Aqualight<sup>®</sup></b>
Main Test Model.:	BAP100365MS
Additional Model:	BAP4022, BAP40365, BAP100365, BAP40365MS, GDB42540L2, GDB80095L2, GDB800155L2, WS EC365, WS EC365 MS
Responsible Party:	AQUA LIGHTTECH LIMITED
Address:	Room2081, No.1025, Laiyin Road, Jiuting, Songjiang District, Shanghai, China
Manufacturer:	AQUA LIGHTTECH LIMITED
Address:	Room2081, No.1025, Laiyin Road, Jiuting, Songjiang District, Shanghai, China
Contact Person/Title:	Songjiang District, Shanghai, China
Telephone:	021-51878577
Fax:	021-51878548

<b>EUT Certification Summary</b>	
Equipment Class:	AS/NZS CISPR15
Product Type:	ELECTRONIC BALLAST
Certificate NO.:	SHBST150420130035338321YEC-6
Issuance Date:	2015-05-20
Tested by:	Shenzhen BST Technology Co.,Ltd.
Authorized Signature:	
	<u>Christina-Manager</u>

We, the responsible party:  
**AQUA LIGHTTECH LIMITED**  
Declare that the product  
**ELECTRONIC BALLAST**



was tested to conforms to the above mentioned Australia/New Zealand Standard(s)  
It is only valid in connection with the test report number: SHBST150420130035338321YER-6.

\_\_\_\_\_  
Signature of Authorized Person

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Title



A P P R O V A L S ®

## Certificate of Approval

**Certificate No.:** SAA-150927-EA

**Certificate Holder:** Aqua Lightech Limited  
Room 2081, No.1025, Laiyin Road,  
Jiuting, Songjiang District,  
Shanghai  
P.R. China

**Class Description:** Fluorescent Lamp Ballast  
**Product Description:** UV Electronic Ballast (Built-in)

**Brand Name:** **Aqualight**®  
**Model No.:** BAP100365  
**Markings:** 100-240Vac 50/60Hz 41-100W  
Uout: 250V  
ta:40°C, tc:70°C

**Standard:** AS/NZS 61347.2.3:2004  
AS/NZS 61347.1:2002

**Conditions:** Nil

**Approval Mark:** SAA-150927-EA or RCM

**Date First Registered:** 15 July 2015  
**Date of Expiry:** 15 July 2020

For and on Behalf of  
SAA Approvals Pty Ltd

SAA Approvals Pty Ltd as accredited by JAS-ANZ under ISO/IEC 17065 certifies in accordance with the SAA Approvals Electrical Product Safety Certification Scheme that the product nominated in this certificate complies with standard/s listed.

When using the RCM the requirements of all relevant parts of AS/NZS 4417 applicable to the article must be fulfilled.

For SAA Contact Details and to verify this Certificate go to:  
[www.saaapprovals.com.au](http://www.saaapprovals.com.au)

JAS-ANZ



[www.jas-anz.org/register](http://www.jas-anz.org/register)



Issued: 15-07-15 150927/1



APPROVALS®

## Certificate of Approval

### \*Addendum\*

**Certificate No.:** SAA-150927-EA

**Date of Issue:** 15 July 2015

**Class Description:** Fluorescent Lamp Ballast  
**Product Description:** UV Electronic Ballast (Built-in)

**Additional Models**

BAP40365

WS EC365

BAP40365MS

BAP100365MS

WS EC365 MS

**Description**

Similar to BAP100365 except rated 21-41W.

Similar to BAP100365 except for model number.

Similar to BAP40365 except for different size.

Similar to BAP100365 except for different size.

Similar to BAP100365MS except for model number.

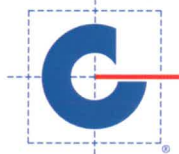
For and on Behalf of  
SAA Approvals Pty Ltd

SAA Approvals Pty Ltd as accredited by JAS-ANZ under ISO/IEC 17065 certifies in accordance with the SAA Approvals Electrical Product Safety Certification Scheme that the product nominated in this certificate complies with standard/s listed.

When using the RCM the requirements of all relevant parts of AS/NZS 4417 applicable to the article must be fulfilled.

For SAA Contact Details and to verify this Certificate go to:  
[www.saaapprovals.com.au](http://www.saaapprovals.com.au)

JAS-ANZ



[www.jas-anz.org/register](http://www.jas-anz.org/register)



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