



中国认可  
国际互认  
检测  
TESTING  
CNAS L0095

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No: GJW2023-7130-12

## TEST REPORT

NAME OF SAMPLE

Inverter Pool Pump

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CLIENT

AQUAGEM TECHNOLOGY LIMITED

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CLASSIFICATION OF TEST

Commission Test

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CVC Testing Technology Co., Ltd.

# TEST REPORT

No GJW2023-7130-12

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Name of product:	Inverter Pool Pump	Trade mark:	—
Type/Model:	IP20 220-240V~ 50/60Hz	Sample status:	—
Client:	AQUAGEM TECHNOLOGY LIMITED	Factory:	Aquagem Manufacturing Limited
Client address:	FLAT/RM H 19/F, AXGRAND PLAZA, 3 TAI YAU STREET, SAN PO KONG KL. HONG KONG	Factory address:	101, 16, 401, 501, No. 93-15, Jinlong Road, Dalong Street, Panyu District, Guangzhou
Quantity of sample:	1 piece	Sampled by:	—
Sample identification:	12-12	Sampling at(place):	—
Means of receiving:	Express	Means of sampling:	—
Classification of test:	Commission Test	Sampling date:	—
Receiving date:	Nov. 24, 2023	Completing date:	Nov. 24, 2023
Tested according to:	ISO 3744:2010	Test item:	Noise Test

## Test conclusion:

The appliance submitted by the client is tested according to the following standard:  
ISO 3744:2010 Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Engineering methods for an essentially free field over a reflecting plane.

The test result is detailed in page 4~5.

Seal of CVC

Date of issue: 2023.12.06

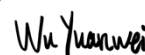
Approved by: Zeng Bo



Reviewed by: Zhuang Shaohong



Tested by: Wu Yuanwei



检测

Description and illustration of the sample:

1 Sample picture:



Fig. 1 Appearance

2 Other information:

Dimensions of sample: 0.607m x 0.229m x 0.297m

Description of Model	Description of differences
Model of test: IP20	Different sales channels
Model of cover:IH20	
Model of cover:IW20	

In addition to the above, other electrical principles, electrical safety components and internal structure are the same.

The description of product differences is provided by AQUAGEM TECHNOLOGY LIMITED, and the laboratory is not responsible for its authenticity.

Noise test has been only conducted on the sample of model IP20. And the remaining samples have not been evaluated.

Description of the deviation from the standard:

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Remarks:

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**1 Noise Test**

**1.1 General description**

The noise test is performed according to the standard: ISO 3744:2010;

Test environment: hemi-anechoic room;

Room temperature and humidity: 23.3°C, 58.2%RH;

Test voltage: 230V~ 50Hz;

Measurement surface: hemisphere;

Measurement radius:  $r=1.5\text{m}$ ;

Measurement surface figure:

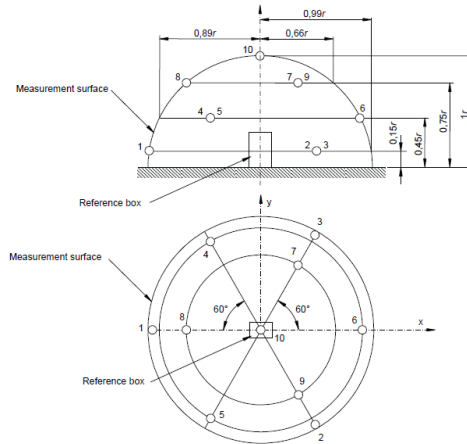


Fig. 2 Measurement surface figure

**1.2 Technical requirements (Assessment criterion)**

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**1.3 Test results**

Sample identification	Working condition	Test result		Judgment
		Averaged sound pressure level dB(A)	Sound power level dB(A)	
12-12	100% capacity (best efficiency point)	51.5	63.0	—

Background noise level: 16.8 dB(A).

**1.4 Test equipment**

No	Equipment No	Type / Model	Equipment name	Calibration expiration date
1	NC-036-2	5.2m×4.7m×4.6m	Hemi-anechoic room(A)	2028.10.06
2	VGDY-0184	3660C	PULSE system	2024.03.15
3	HJ-000095	4231	Calibrator	2024.07.06
4	HJ-000062	5m	Long steel tape	2024.09.11
5	VGDS-0637	AFC-33030TS	Three-phase power supply	2024.11.02
6	HQ-000257	—	Atmospheric pressure meter	2024.09.19
7	NC-036-1	Special	Temperature measurement system	2024.06.04

**1.5 Test pictures**

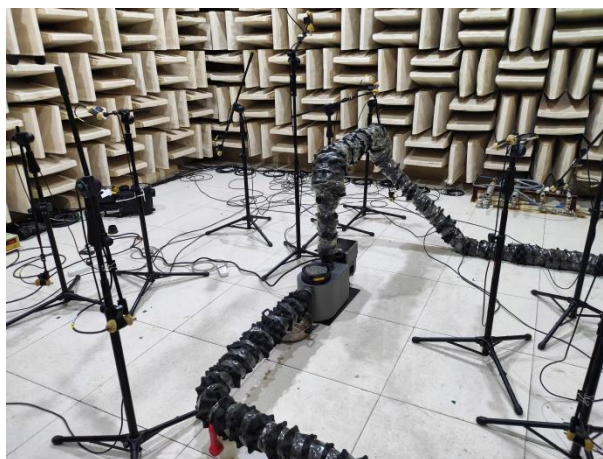


Fig. 3 During the test

有限公司  
印章

## I m p o r t a n t

1. The test report is invalid without the official stamp of CVC;
2. Any part photocopies of the test report are forbidden without the written permission from CVC;
3. The test report is invalid without the signatures of Author and Reviewer;
4. The test report is invalid if altered;
5. Objections to the test report must be submitted to CVC within 15 days;
6. Generally, commission test is responsible for the tested samples only;
7. As for the test result, “—” or “N” means “not applicable”, “ / ”means “not testing”, “P” means “pass” and “F” means “fail”.

*\*\*The test data and test results given in this test report should only be used for purposes of scientific research, teaching and internal quality control when the CMA symbol is not presented.\*\**

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