



# TEST REPORT

Report No. :BJ-R210629103A-01-EN

Test Item :IP65 Test

Client :HENGKO Technology Co.,Ltd.

Address :No. 51-3, Fuan West Road, Pinghu Street,  
Longgang District, Shenzhen, Guangdong,  
518111 China

ShenZhen BestJ Testing Technologies Co., Ltd

Inspected Engineer: Liu Yuehui

Date: Jul.02,2021

Reviewed Engineer: Luo Ningsheng

Date: Jul.02,2021

Authorized Signatory: Zhang Jianbiao

Date: Jul.02,2021



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**1.SAMPLE INFORMATION**

Sample Name	Humidity temp dew point sensor transmitter
Sample Model	HT607
Sample No.	BJ-R210629103A-1#
Sample Size	/
Weight Of Sample	/
Sample Quantity	1 PC
Manufacturer	HENGKO Technology Co.,Ltd.
Address	No. 51-3, Fuan West Road, Pinghu Street, Longgang District, Shenzhen, Guangdong, 518111 China
Sample Source	Commissioned units send sample
Inspection Type	Commissioning test
Sample Description	Sample appearance is good

**2.TEST INFORMATION**

Test Items	Received Date	Date Of Test(s)
IP65 Test	Jun.29,2021	Jun.30,2021~ Jul.01,2021

**3.TEST RESULTS**

Test Items	Test Results
IP65 Test	After test, there were no dust and no water enter the enclosure of sample.

#### 4.IP65 Test

##### 4.1 Reference Standard

Test according to GB/T 4208-2017 Degrees of protection provide by enclosure (IP code)

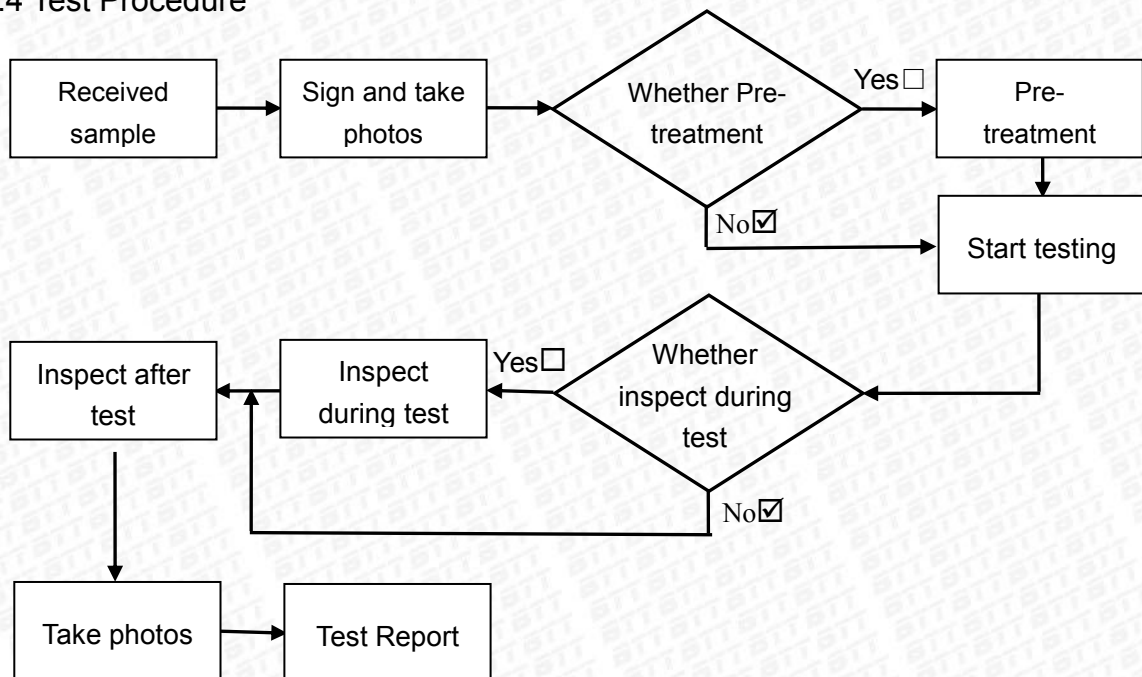
##### 4.2 Laboratory Environment

Ambient temperature: $25\pm 3^{\circ}\text{C}$       Relative humidity: $55\pm 20\%\text{RH}$

##### 4.3 Test Equipment

Test Equipment	Equipment Model	Calibration Date
Dust proof test chamber	JY-SC-1000	May.19,2021
Water proof test system	XM-IPX56	May.19,2021

##### 4.4 Test Procedure



##### 4.5 Test Conditions

###### 4.5.1 IP6X test

The chamber shall contain 2 kg of powder for every cubic metre of its volume. The talcum powder used shall be able to pass through a square-meshed sieve whose nominal wire diameter is 50  $\mu\text{m}$  and whose nominal free distance between wires is 75  $\mu\text{m}$ .

Test duration: 8 hrs

###### 4.5.2 IPX5 test

Nozzle inside diameter: 6.5 mm

1/F, Fengze Building B, The Second Industrial Park of Huafeng, Nanchang Road, Hangcheng Street, Baoan District, Shenzhen

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Water flow:  $(12.5 \pm 0.625 \text{ L/min})$

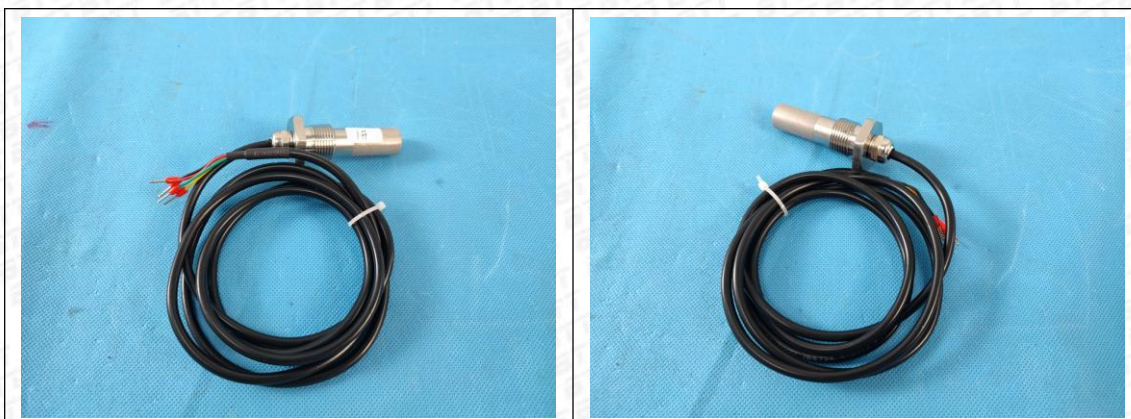
Core of the substantial stream: circle of approximately 40mm diameter at 2.5 m distance from nozzle;

Test duration per square metre of enclosure surface area likely to be sprayed: 1 min; minimum test duration: 3 min;

Distance from nozzle to enclosure surface: between 2.5 m and 3 m

#### 4.6 Test Photos

Before test



Test setup

IP6X



IPX5





After test

IP6X



IPX5





# 报 告 说 明

1.检测地点:

Place for the testing:

深圳市宝安区航城街道南昌路华丰工业园 B 栋一楼。

1/F, Fengze Building B, The Second Industrial Park of Huafeng, Nanchang Road, Hangcheng Street, Baoan District, Shenzhen.

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\*\*\*报告结束 End of report\*\*\*