



中国认可
国际互认
检测
TESTING
CNAS L9325

TEST REPORT

Report No. :BJ-R210419102A-EN

Test Item :IP69K Test

Client :Shenzhen Huafurui Technology Co., Ltd.

Address :Unit 1401 & 1402, 14/F, Jinqi Zhigu Mansion (No.4 Building of Chongwen Garden), Crossing of the Liuxian Street and Tangling Road, Taoyuan Street, Nanshan District, Shenzhen, P.R. China

ShenZhen BestJ Testing Technologies Co., Ltd

Inspected Engineer: Liu Yuehui

Date: April.21,2021

Reviewed Engineer: Luo Ningsheng

Date: April.21,2021

Authorized Signatory: Zhang Jianbiao

Date: April.21,2021



Content

1.SAMPLE INFORMATION.....	2
2.TEST INFORMATION.....	2
3.TEST RESULTS.....	2
4.IP69K TEST.....	3
4.1 Reference Standard.....	3
4.2 Laboratory Environment.....	3
4.3 Test Equipment.....	3
4.4 Test Procedure.....	3
4.5 Test Conditions.....	4
4.6 Test Photos.....	5

1.SAMPLE INFORMATION

Sample Name	Smartphone
Sample Mode	CUBOT KINGKONG 5 PRO
Sample No.	BJ-R210419102A-1#、2#
Sample Size	/
Weight Of Sample	/
Sample Quantity	2 PCS
Manufacturer	Shenzhen Huafurui Technology Co., Ltd.
Address	Unit 1401 & 1402, 14/F, Jinqi Zhigu Mansion (No.4 Building of Chongwen Garden), Crossing of the Liuxian Street and Tangling Road, Taoyuan Street, Nanshan District, Shenzhen, P.R. China
Sample Source	Commissioned units send sample
Inspection Type	Commissioning test
Sample Description	Sample appearance is good

2.TEST INFORMATION

Test Items	Sample No.	Received Date	Date Of Test(s)
IP6KX Test	1#	April.19,2021	April.19,2021
IPX9K Test	2#	April.19,2021	April.19,2021

3.TEST RESULTS

Test Items	Test Results
IP69K Test	There were no damage in appearance and no dust and water enter the enclosure of sample and the function was normal.

4.IP69K TEST**4.1 Reference Standard**

Test according to ISO 20653:2013 Road vehicles — Degrees of protection (IP code)—Protection of electrical equipment against foreign objects, water and access

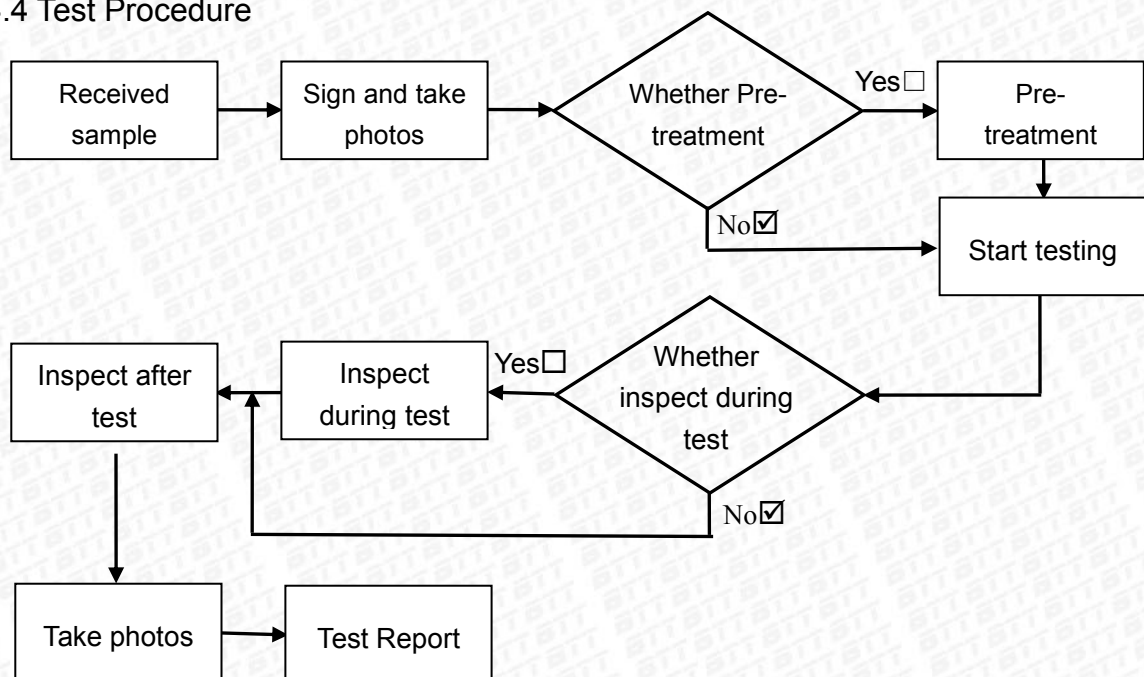
4.2 Laboratory Environment

Ambient temperature: $25\pm 3^{\circ}\text{C}$

Relative humidity: $55\pm 20\%\text{RH}$

4.3 Test Equipment

Test Equipment	Equipment Model	Equipment No.	Calibration Date
Dust proof test chamber	JY-SC-1000	2017061509	May 20,2020
Hi-Temp&Hi-Pressure Water Injection Test Chamber	TL-IPX9K-1000	2018102201	May 20,2020

4.4 Test Procedure

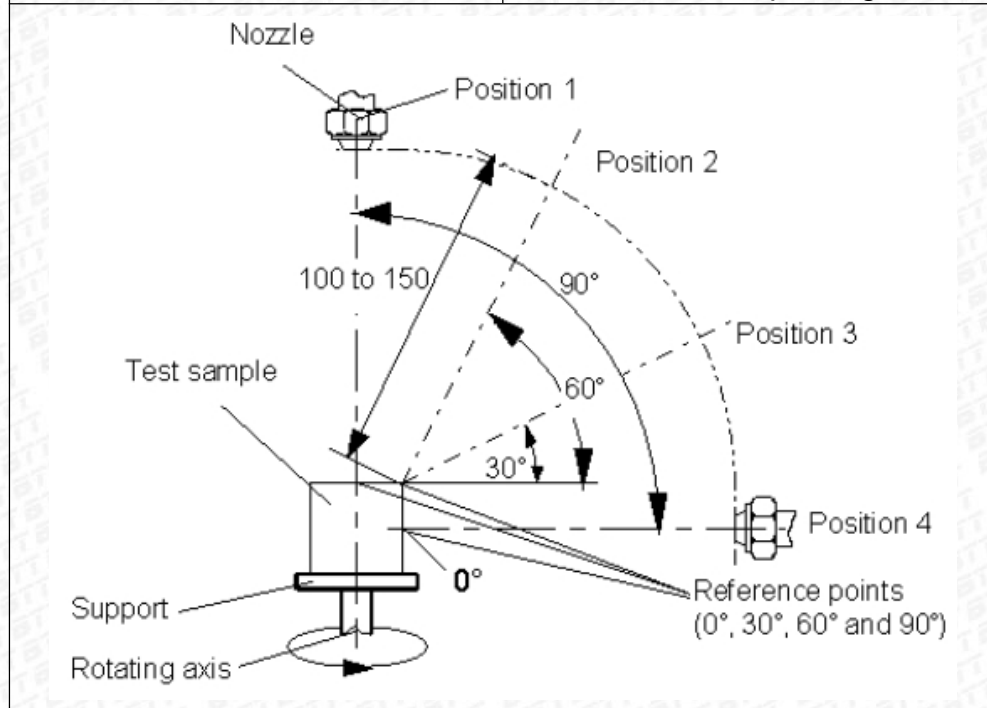
4.5 Test Conditions

4.5.1 IP6KX test:

Dust type	Arizona dust
Dust amount	2kg/m ³
Test time	6s movement of the air-dust mixture, 15min break, 20 cycles

4.5.2 IPX9K test:

Water temperature	80±5℃
pressure	(8000~10000) kPa
Water flow	14~16L/min
distance	10~15cm
Angle and time	0° 、 30° 、 60° 、 90° 30 seconds per angle



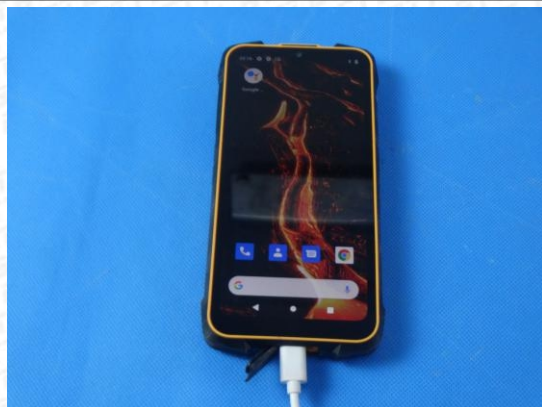
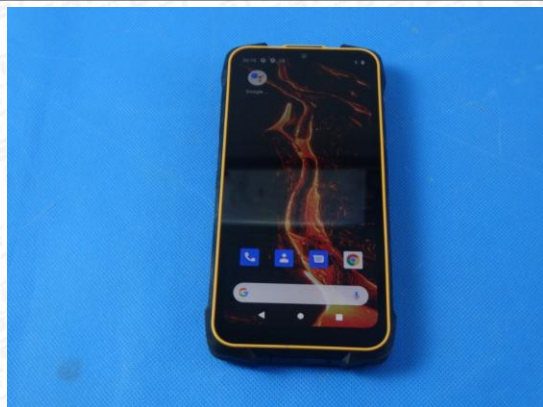
4.6 Test Photos

Before test

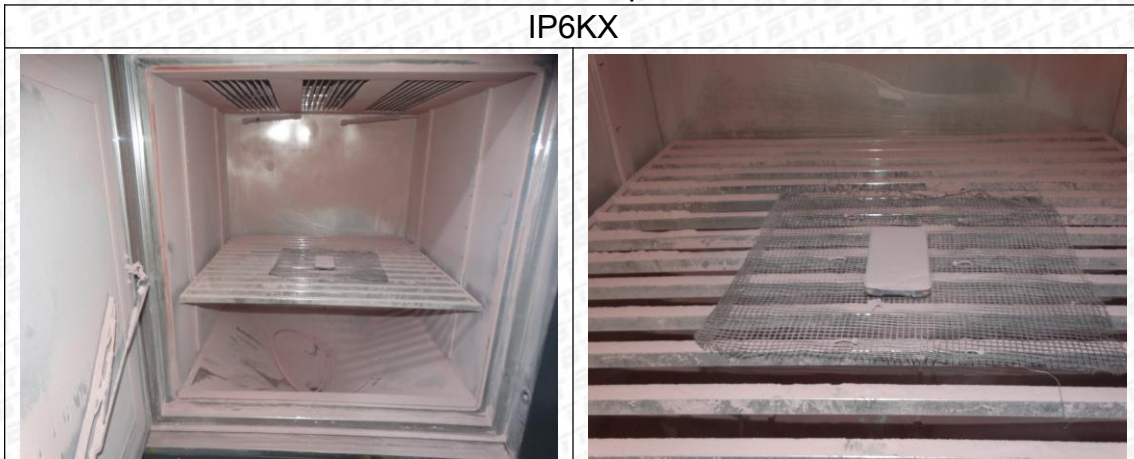
1#



2#



Test setup
IP6KX



IPX9K

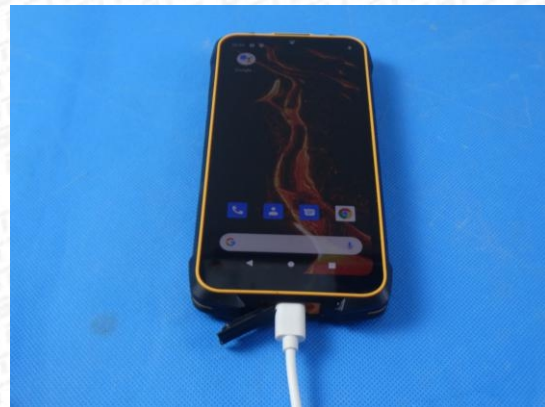
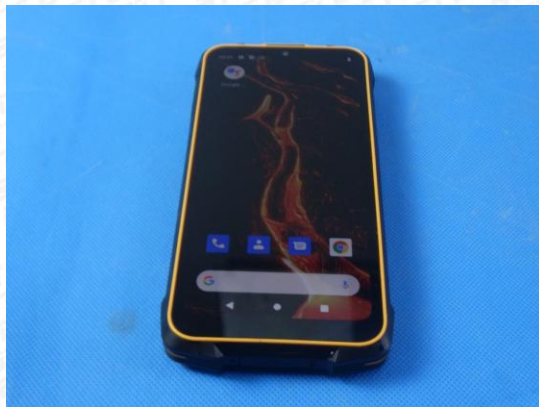


After test

IP6KX



IPX9K



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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