



Test Report

No.: XMHL241100792801SD

Date: Nov 14, 2024

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ANJI HUACHENG ELECTRICS CO., LTD.
XIAQUAN INDUSTRIAL ZONE, ANJI, HUZHOU, ZHEJIANG, 313300, China

Sample Description : POLYESTER ENCLOSURE
Item No. : TIP
Manufacturer : ANJI HUACHENG ELECTRICS CO., LTD.

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

Sample Receiving Date : Nov 08, 2024
Test Performing Date : Nov 08, 2024 to Nov 14, 2024
Test Performed : Selected test(s) as requested by applicant
Test Result(s) : For further details, please refer to the following page(s)



SGS-CSTC Standards Technical Services Co., Ltd.
Xiamen Branch Testing Center Hardlines

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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	IP6X	IEC 60529:1989+A1:1999+A2 :2013+COR1:2019	No visual ingress of dust.	Pass
2	IPX5	IEC 60529:1989+A1:1999+A2 :2013+COR1:2019	No visual ingress of water.	Pass

Note: Pass : Meet the requirements;
Fail : Does not meet the requirements;
/ : Not Apply to the judgment.

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Xiamen Branch



Terry Hong
Authorized Signatory

Scan to see the report



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Xiamen Branch

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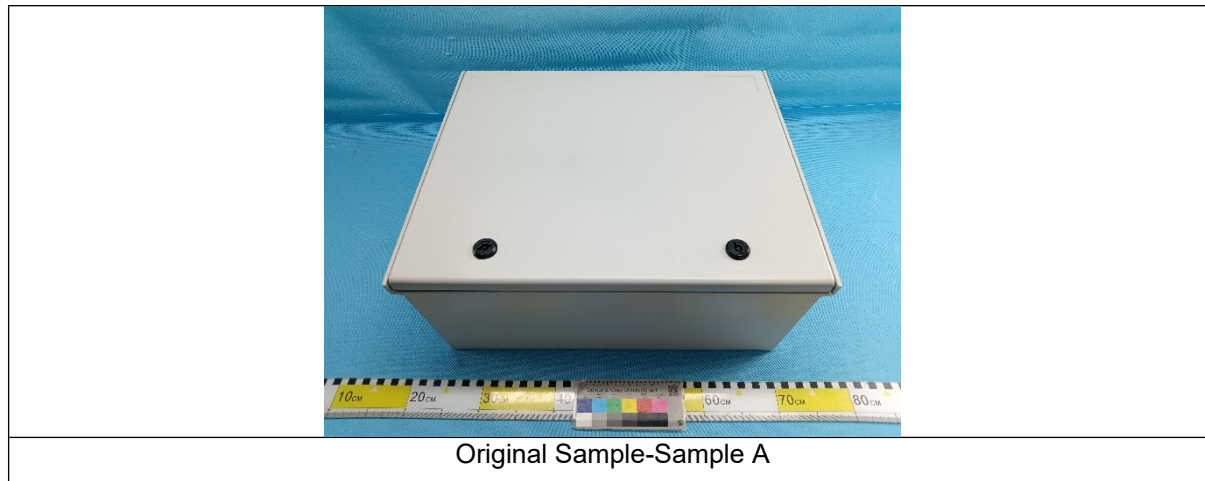
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SGS Reference No.: GZMR2411033505

The below tests were conducted by Guangzhou Branch, SGS-CSTC Co., Ltd.

Original Sample Photo:



1. Test Item: IP6X

Sample Description: Finished product

Test Method: IEC 60529:1989+A1:1999+A2:2013+COR1:2019

Test Condition:

Test Dust: Talcum powder

Dust Concentration: 2 kg/m³ chamber volume and be kept in suspension during the test

Depression: ≤2 kPa

Extraction Rate: < 40 volumes per hour

Test Duration: 8 hours

Lab Environment Condition: 15°C~35°C, 25%RH~75%RH

Test Result:

Sample	Result	Client's requirement	Conclusion
A-1	No visual ingress of dust.	No visual ingress of dust.	Pass



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Xiamen Branch Testing and Hardlines

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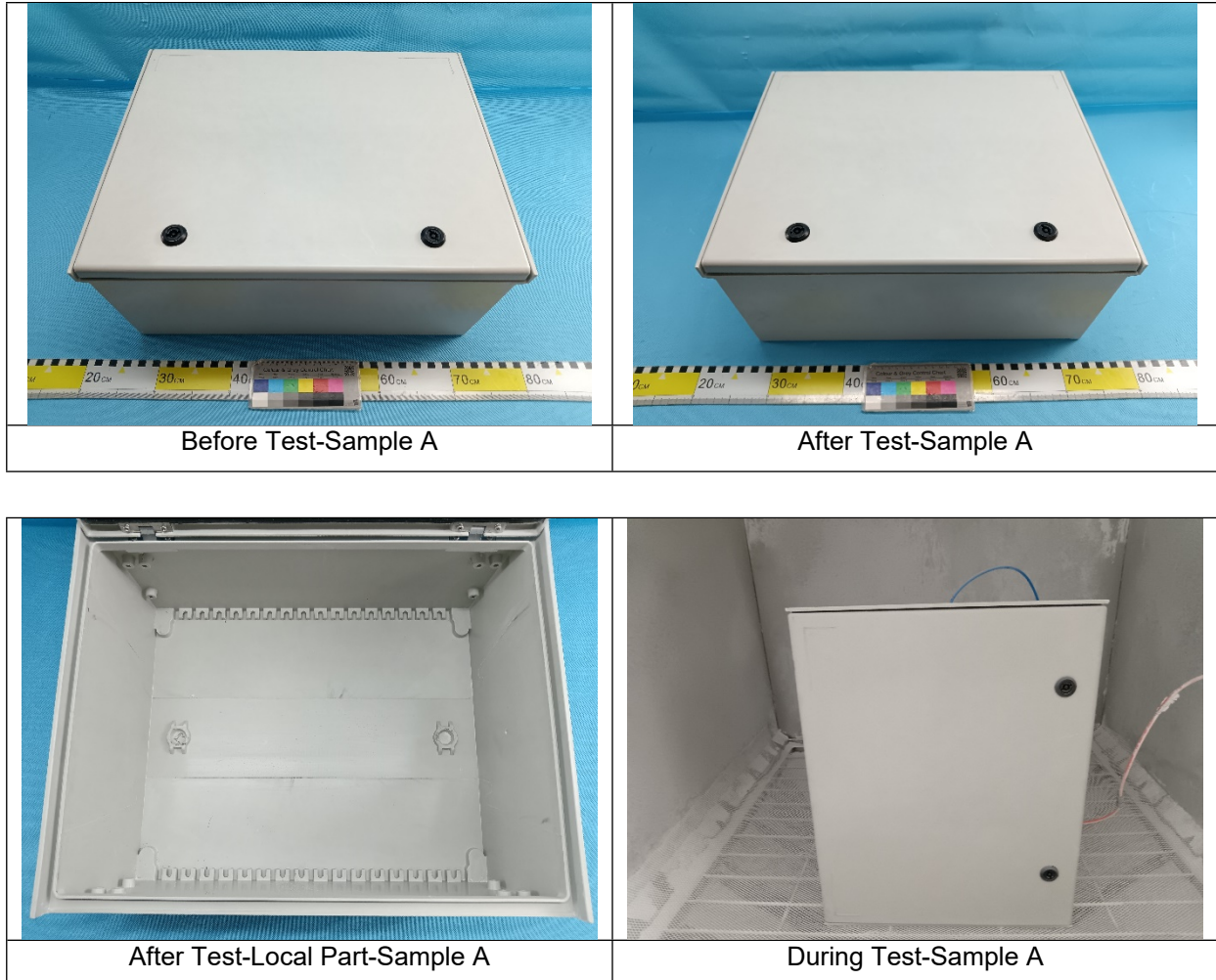
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Test Photo:



Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Sand and dust test chamber	QY/SC-1000LK	GZMR-RL-E211	2024-05-20	2025-05-19



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2. Test Item: IPX5

Sample Description: Finished product

Test Method: IEC 60529:1989+A1:1999+A2:2013+COR1:2019

Test Condition:

Nozzle diameter: 6.3mm

Flow rate: 12.5L/min

Distance: 2.5m~3.0m

Test duration: 3 min

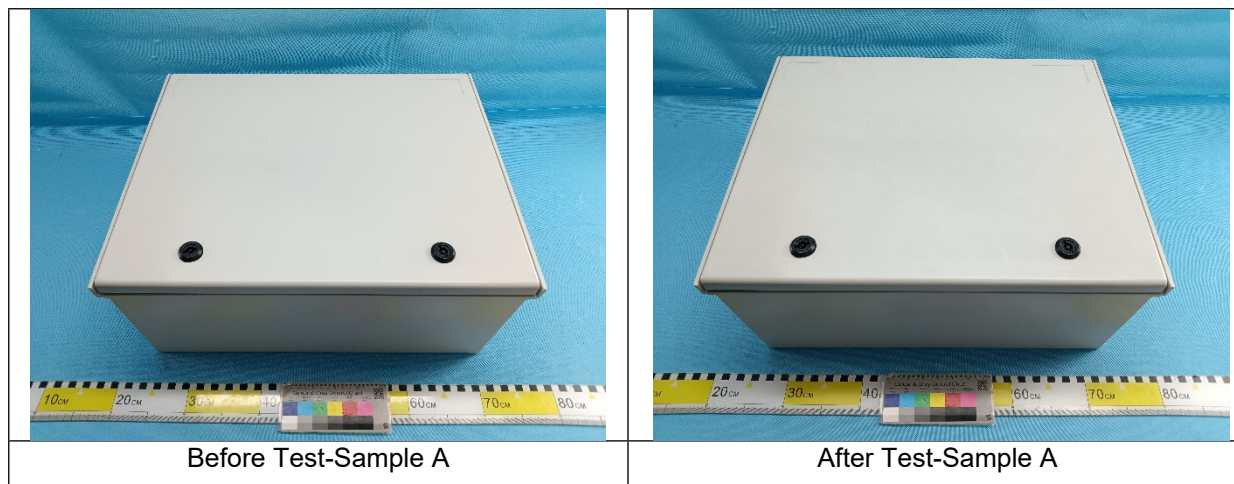
Test direction: The turntable rotates 360 degrees, and the water gun sprays from the upper, horizontal and lower directions to ensure that the samples are sprayed in all directions.

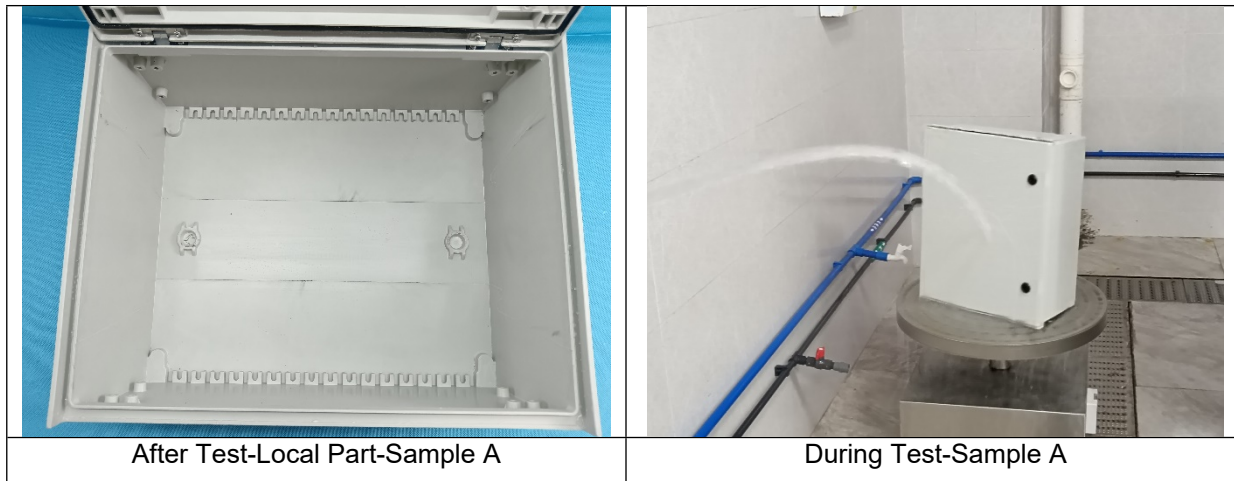
Lab Environment Condition: 15°C ~ 35°C, 25%RH ~ 75%RH

Test Result:

Sample	Result	Client's requirement	Conclusion
A-1	No visual ingress of water.	No visual ingress of water.	Pass

Test Photo:





Equipment Information:

Equipment	Model	Equipment No	Calibration date	Next Calibration date
Waterproof tester	GR-IPX56A	GZMR-RL-E203-01	2024-03-20	2025-03-19
Measuring Tape	10m	GZMR-RL-E213-02	2024-11-01	2025-10-31
Non-contacting infrared thermometer	UT301A	GZMR-RL-E156	2024-03-20	2025-03-19

Appendix information:

*Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

End of Report



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