



## Test Report

No.: XMHL250100039201SD

Date: Jan 20, 2025

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ANHUI HUANRUI HEATING MANUFACTURING CO.,LTD  
JINGSAN ROAD,FEIDONG ECONOMIC DEVELOPMENT ZONE,HEFEI CITY,China

Sample Description : Heating cable  
Item No. : HRBHS series

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 : Jan 16, 2025  
Test Performing Date : Jan 16, 2025 to Jan 20, 2025  
Test Performed : Selected test(s) as requested by applicant  
Test Result(s) : For further details, please refer to the following page(s)

### Summary of Results:

| No. | Test Item | Test Method                                     | Result                      | Conclusion |
|-----|-----------|---|-----------------------------|------------|
| 1   | IPX7      | IEC<br>60529:1989+A1:1999+<br>A2:2013+COR1:2019 | No visual ingress of water. | Pass       |
| 2   | IP6X      | IEC<br>60529:1989+A1:1999+<br>A2:2013+COR1:2019 | No visual ingress of dust.  | 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



XMHL250100039201SD  
Verification:  
check.sgsonline.com.cn



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Xiamen Branch Testing Hardlines

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SGS Reference No.: GZMR2501001685

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

Original Sample Photo:



Original Sample-Sample A



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Xiamen Branch Inspection & Testing Services

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t (86-592) 5766488 sgs.china@sgs.com

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1. Test Item: IPX7

Sample Description: Finished product

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

Test Condition:

Depth: 1 m

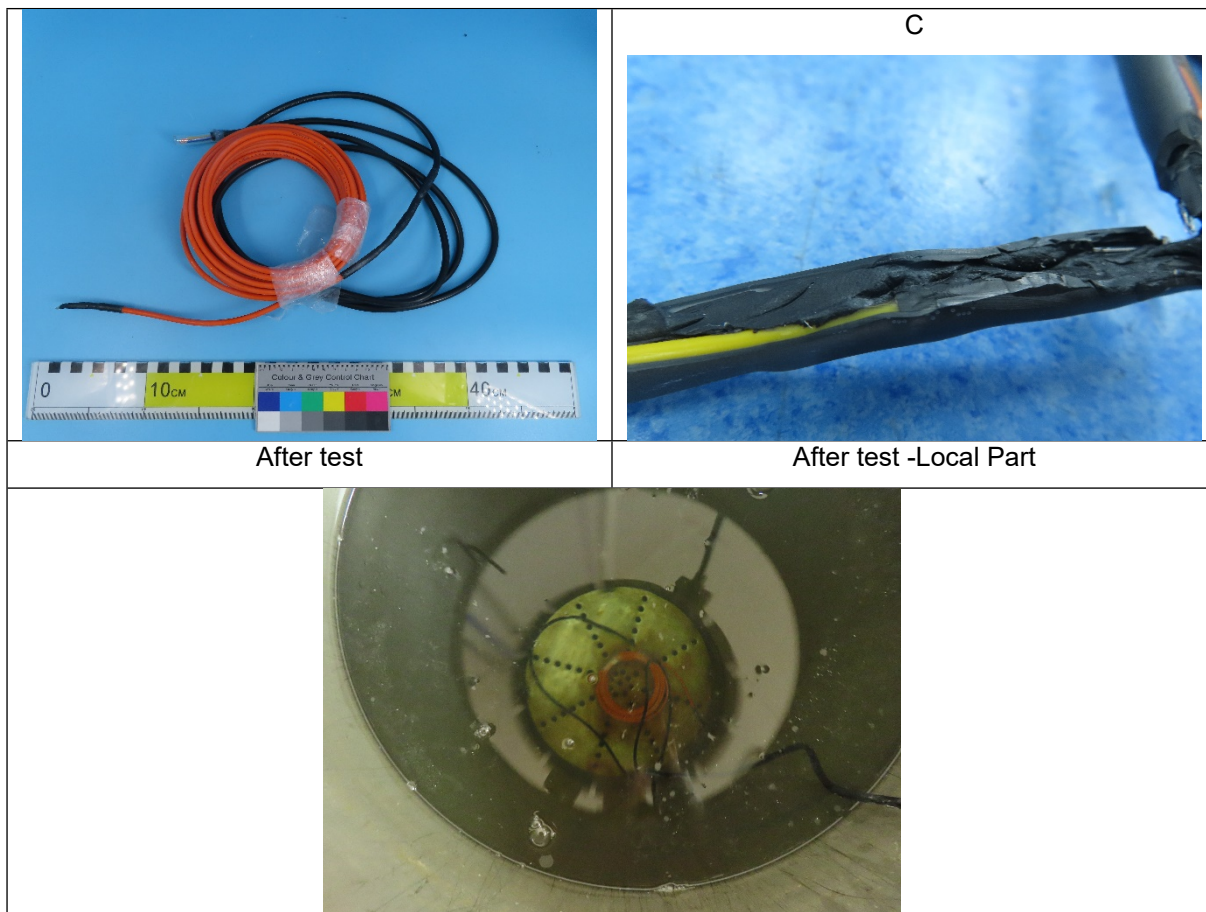
Test Duration: 30 min

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

Test Result:

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

Test Photo:



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t (86-592) 5766488 sgs.china@sgs.com

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During test

**Equipment Information:**

| Equipment                           | Model  | Equipment No. | Calibration date | Next Calibration date |
|-------------------------------------|--------|---------------|------------------|-----------------------|
| Waterproof tester                   | X8     | GZMR-RL-E094  | 2024-10-10       | 2025-10-09            |
| Non-contacting infrared thermometer | UT301A | GZMR-RL-E156  | 2024-03-20       | 2025-03-19            |



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2.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/m<sup>3</sup> chamber volume and be kept in suspension during the test

Depression: ≤2 kPa

Extraction Rate: < 40 volumes per hour

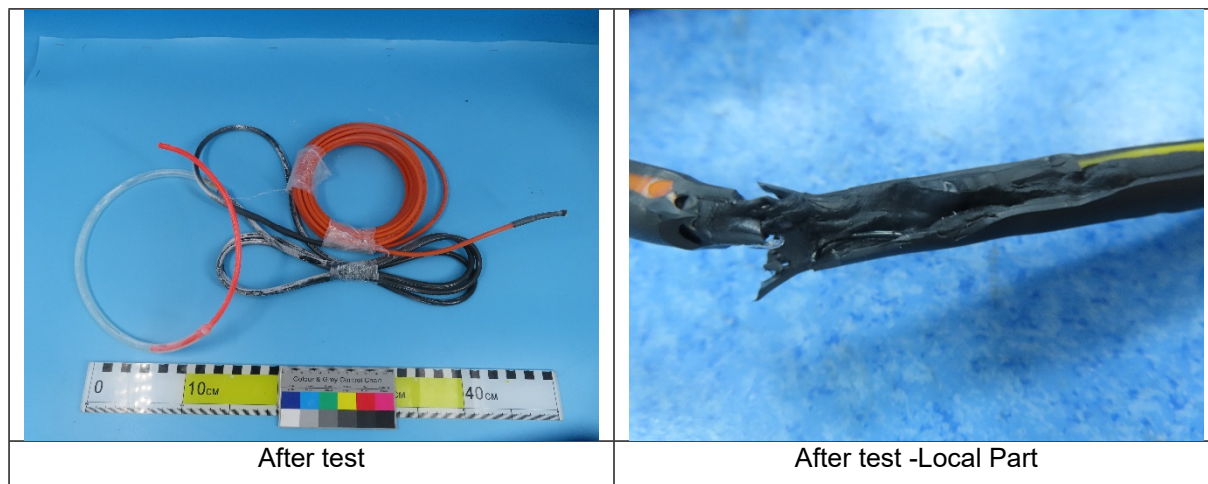
Test Duration: 8 hours

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

Test Result:

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

Test Photo:



SGS-CTC (Shanghai) Technical Services Co., Ltd.  
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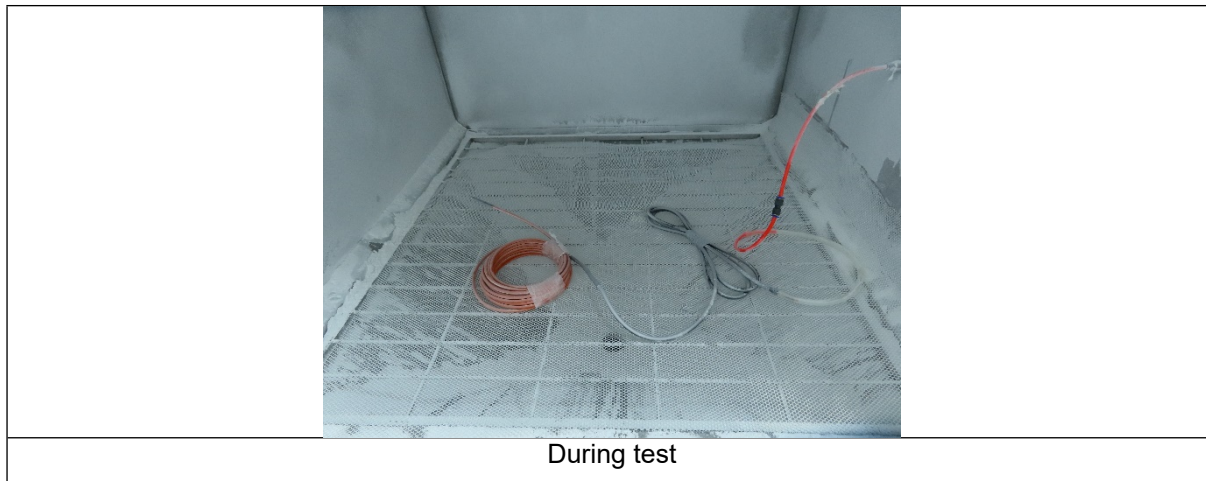
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### Equipment Information:

| 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            |

### 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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