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# Test Report

No.: BR3V84IB4243997C7a

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Issued Date: 2024-01-02

**Applicant** : SHANGHAI LEIPOLD ELECTRIC CO., LTD

**Address** : No.1569 Siyi Road, Jiading District, Shanghai

**Sample Name** : Fan and Filter

**Sample No.** : LP2535.230

**Sample Source** : Send Sample

**Sample Received Date** : 2023-12-15

**Test Period** : 2023-12-27~2023-12-28

**Test Type** : Commissioning Test

**Test Result** : See the report below for details

Edited by:

LuJunchao  
LuJunchao

Checked by:

YangLei  
YangLei

Approved by:

LiuJidong  
LiuJidong

Pony Testing Group Shanghai Co.,Ltd.

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# Test Report

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If the applicant has any objection to the report data, please submit a written application for retesting to PONY within 15 days after the completion of the report (for the report of primary agricultural products, submit a written application for retesting to the unit within 5 days after the receipt of the report), with the original report attached and the retesting fee prepaid.
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# Test Report

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## Summary of Test Results:

| No. | Test Item   | Test Method    | Test Result | Conclusion |
|-----|-------------|----------------|-------------|------------|
| 1   | IP54 (IP5X) | IEC 60529-2013 | See Page 4  | Pass       |
| 2   | IP54 (IPX4) | IEC 60529-2013 | See Page 7  | Pass       |

Note 1: Pass: Comply with the requirements; Fail: Do not comply with the requirements; / : Not Apply to the judgment.

Note 2: This test report is to replace the test report No. BR3V84IB4243997C7 (Issued by 2023-12-29).

The No. BR3V84IB4243997C7 test report is invalid and of no legal effect. All related information should be referred to the new test report. 2024-01-02

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## 1. IP54(5X)

|                       |  |
|-----------------------|--|
| Test Method           | IEC 60529-2013   |
| Judging Basis         | Provided by the applicant  |
| Conditional Parameter | Dust type: talcum powder<br>Granular size: <75μm<br>Chamber concentration: 2kg/m <sup>3</sup><br>Dust fall direction: Natural landing<br>Test time: 8h |

### Test Result:

| Sample No.       | Judging Requirement                                 | Test Result  | Conclusion |
|------------------|---|--|------------|
| B4243997C7-A24-1 | After test, sample with no abnormal, work normally. | After test, there was no dust entering the sample, and the function was normal. After being powered on, the fan could operate normally | Pass       |

### Device Information:

| Test Equipment       | Equipment Manufacturer | Equipment Model | Equipment No. | Validity Date |
|----------------------|------------------------|-----------------|---------------|---------------|
| Dust testing machine | LINPIN                 | LRHS-1000-PS    | IE1666        | 2024-03-30    |

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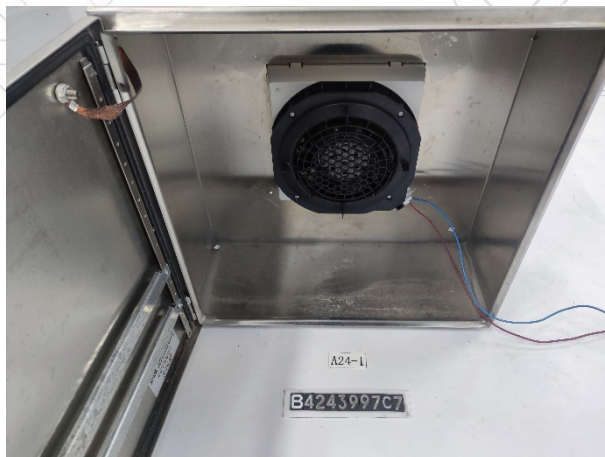
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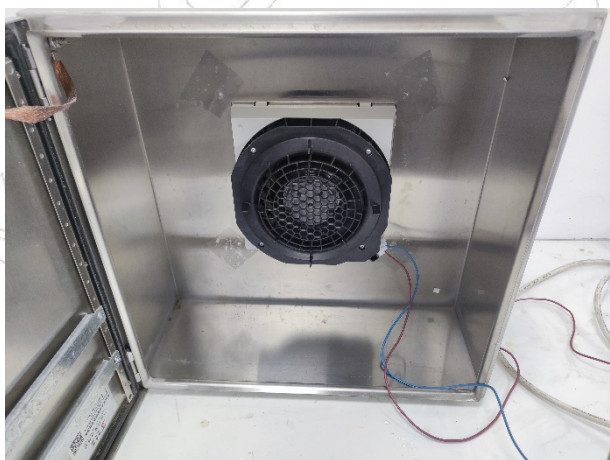
Test photos:



Before test



Before test(inside)



Before test function



Set up

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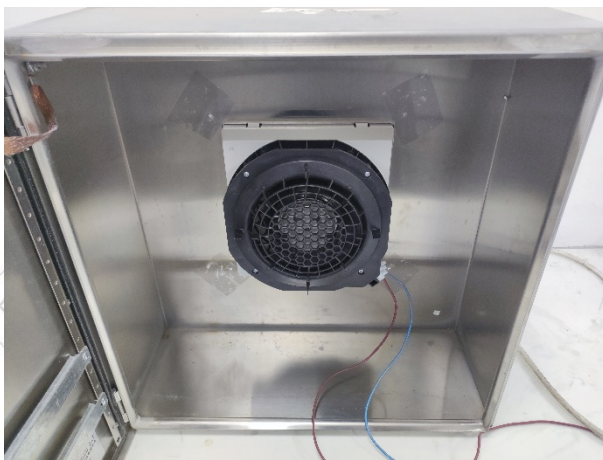
Test photos(continue):



After test



After test(inside)



After test function

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## 2. IP54(X4)

|                       |  |
|-----------------------|--|
| Test Method           | IEC 60529-2013   |
| Judging Basis         | Provided by the applicant  |
| Conditional Parameter | Total water flow: 0.07L/min<br>No. of nozzles:50<br>Water spraying distance is less than:200mm<br>Swing pipe angle: $\pm 180^{\circ}$<br>Swing pipe speed:60°/S<br>Test time:10min |

### Test Result:

| Sample No.       | Judging Requirement                                 | Test Result   | Conclusion |
|------------------|---|---|------------|
| B4243997C7-A24-1 | After test, sample with no abnormal, work normally. | After test, there was no water entering the sample, and the function was normal. After being powered on, the fan could operate normally | Pass       |

### Device Information:

| Test Equipment       | Equipment Manufacturer | Equipment Model | Equipment No. | Validity Date |
|----------------------|------------------------|-----------------|---------------|---------------|
| Dust testing machine | LINPIN                 | LRHS-1000-PS    | IE1666        | 2024-03-30    |

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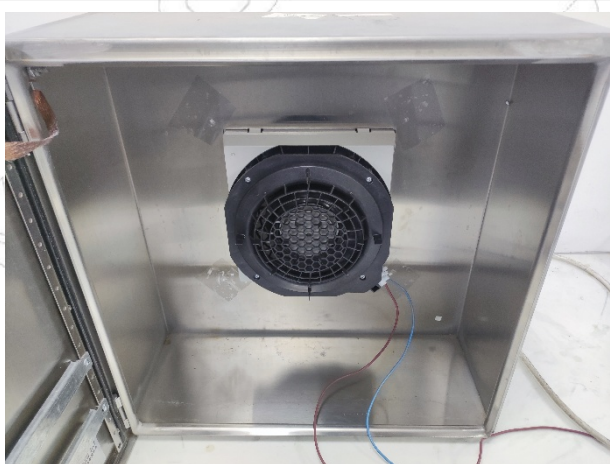
Test photos:



Before test



Before test(inside)



Before test function



Set up

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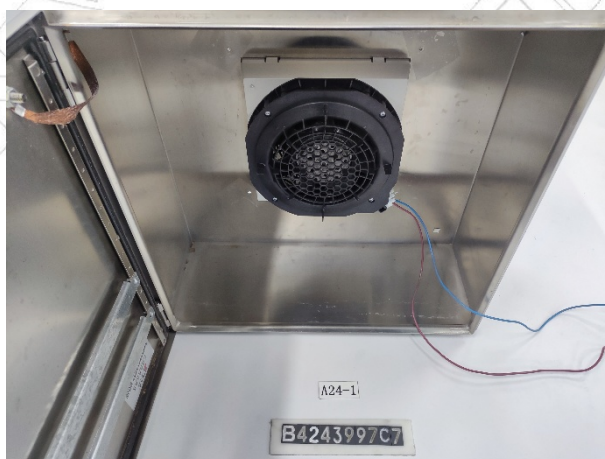
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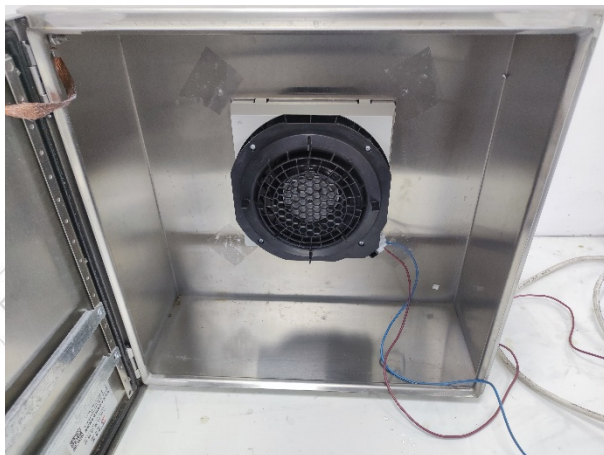
Test photos(continue):



After test



After test(inside)



After test function

—End of Report—

