



IP54 TEST REPORT

Applicant: SHANGHAI LEIPOLD ELECTRIC CO., LTD

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Name: FB9804

Sample Received Date: Sep.07, 2017

Test Period: Sep.20, 2017

DECLARATIONS:

The test(s) shown in the attachment were conducted according to the indicating procedures.

We assume full responsibility for the accuracy and completeness of these tests and vouch for the qualifications of all personnel performing them.

	Name	Signature	Date
Edited by	Yu Huimin	<i>Yu Huimin</i>	Sep.22, 2017
Checked by	He Mina	<i>He Mina</i>	Sep.22, 2017
Approved by	Wang Xifeng	<i>Wang Xifeng</i>	Sep.22, 2017

Code: p60wq1



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1. DESCRIPTION OF TEST EQUIPMENT

Test Equipment	Equipment Manufacturer	Equipment Model	Equipment No.	Validity Date
Waterproof test chamber	Changguan	LU-1000	IE249-02	2018-09-04
Dust test chamber	Changguan	SC-1000	IE241-02	/

2. LABORATORY AMBIENCE CONDITION

Temperature : 25°C±10°C

Relative humidity : 50 %±25 %

3. REFERENCE DOCUMENT

According to IEC 60529-2013, GB/T 4208-2017 and the applicant's requirement.

4. TEST CONDITION

4.1 Waterproof IPX4 (Sample quantity: 1)

Swing pipe radius	400mm
Hole numbers	25
Total water flow	1.8L/min
Swing pipe angle	±180°
Swing pipe speed	60°/s

4.2 Dust proof IP5X (Sample quantity: 1)

Dust type	Talcum powder
Chamber concentration	2kg/m ³
Granular size	<75μm
Dust fall direction	From top to bottom
Test time	8h

5. TEST RESULT

5.1 Waterproof

After test, sample with no abnormal, work normally.

5.2 Dust proof

After test, sample with no abnormal, work normally.



Appendix 1: The photo of Waterproof test



Before test-1



Before test -2



Setup



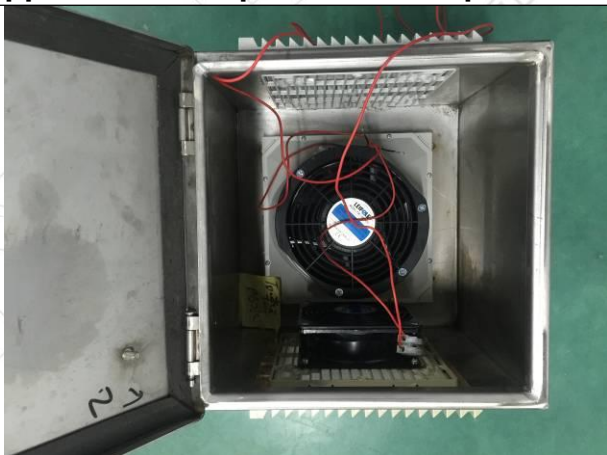
After test-1



After test -2



Appendix 1: The photo of Waterproof test (continue)



After test-function

Appendix 2: The photo of Dust proof test



Before test-1



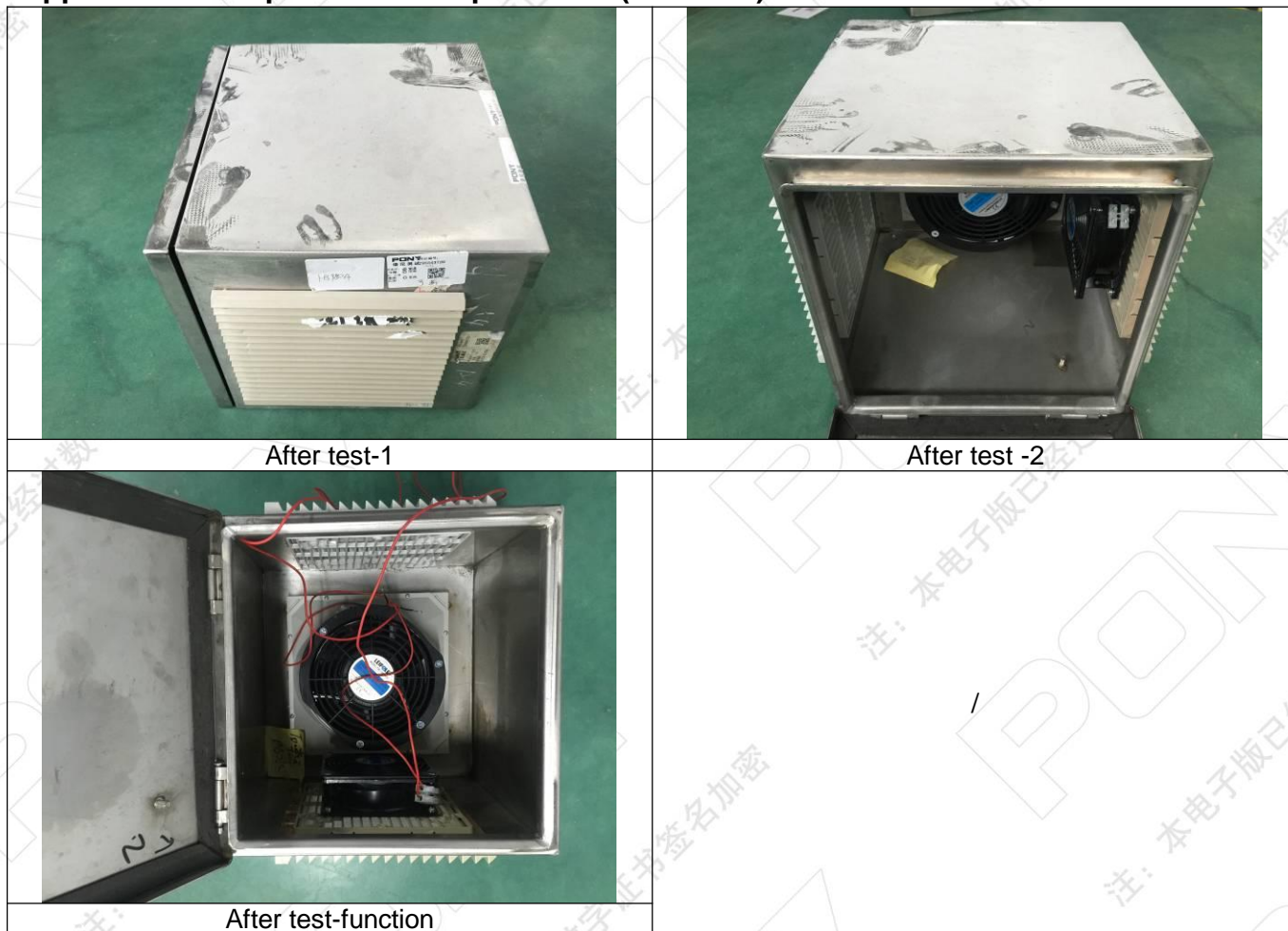
Before test -2



Setup



Appendix 2: The photo of Dust proof test (continue)



*** End of Report ***