



TEST REPORT

REPORT NO.: BT-19-0072
PROGRAM NAME Ammonia corrosion test

SAMPLE NAME: Poultry Light
Batten Light
Tri-proof Light

RECEIVED: Mar.31 , 2019

TESTED: Apr. 02, 2019 to Apr. 15, 2019

ISSUED: Apr. 15, 2019

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2 SUMMARY OF TEST RESULTS

SAMPLE NAME	TEST ITEMS	TEST STANDARDS	SAMPLE NO.	TEST RESULT
Poultry Light	Ammonia corrosion test	IEC 60068-2-60-2015	BT-19-0072 01	No discoloration or cracks can be seen with naked eyes, and no embrittlement can be observed.
Batten Light	Ammonia corrosion test	IEC 60068-2-60-2015	BT-19-0072 02	No discoloration or cracks can be seen with naked eyes, and no embrittlement can be observed.
Tri-proof Light	Ammonia corrosion test	IEC 60068-2-60-2015	BT-19-0072 03	No discoloration or cracks can be seen with naked eyes, and no embrittlement can be observed.

3 GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF SAMPLE

SAMPLE STATE	Solid
SAMPLE QUANTITY	3 pcs
PROGRAM NAME	Ammonia corrosion test
VOLTAGE	N/A
ATTACHMENT	N/A

3.2 SAMPLE STATUS OF TEST MODES

- Mode 1: Non-working status
- Mode 2: Non-working status, connect harness
- Mode 3: Working status

4AMMONIA CORROSION TEST

Reference to regulations: IEC 60068-2-60-2015

4.1 TEST PARAMETERS AND KEY POINTS

MODE	Mode 1	INPUT VOLTAGE	N/A
SAMPLE NO.	BT-19-0072 01,02,03	TEST DATE	2019-04-02~ 2019-04-15
TEST PARAMETERS			
Testing standard: IEC 60068-2-60-2015 (1) Chamber temperature 60 °C; Humidity: 93 %RH NH3 concentration: 10 ppm vol/vol; Ventilation times: 3 times/ h; Test cycle: 168 h 。 (2) Laboratory indoor ambient temperature: 24 °C; Humidity: 57%RH。			

4.2 SAMPLE CHECK BEFORE TEST

SAMPLE NO.		BT-19-0072 01,02,03	
MODE	Mode 1	APPEARANCE	Normal
		FUNCTION	N/A

4.3 SAMPLE INSTALLATION METHOD

N/A

4.4 DEVIATION FROM TEST STANDARD

NONE

4.5 TEST RESULT

TEST PARAMETERS DURING TEST	
Test Result	The samples show no discoloration or cracks which can be seen with naked eyes, and no embrittlement can be observed.

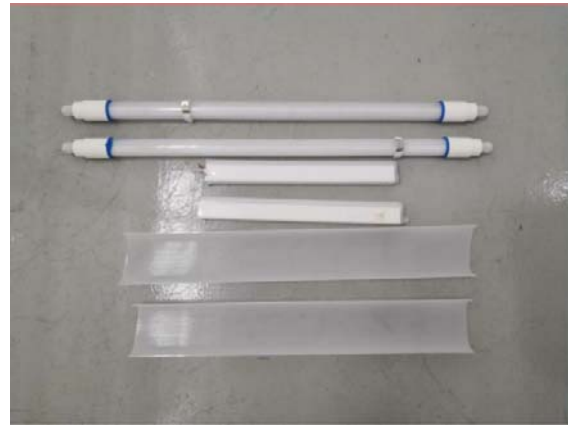
4.6 TEST EQUIPMENT

NAME	LAB NO.	MODEL	CAL.DATE	NEXT CAL.DATE
Gas Corrosion Test Box	WEISS	WSYW-90	2019.03.26	2020. 3. 25

4.7 TEST PHOTO



Before sample testing



After sample testing



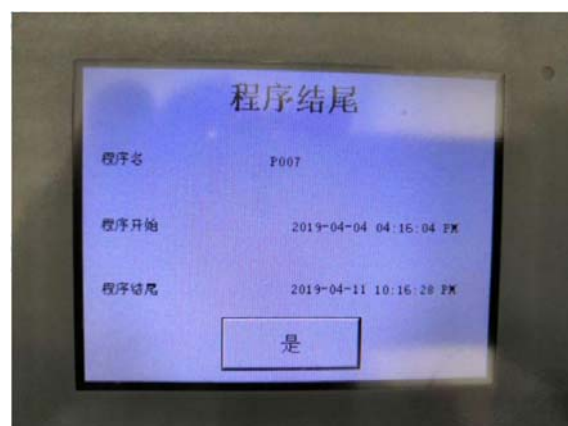
Sample testing



Actual test parameters



Test temperature and humidity curve



Sample testing cycle

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