

# Test Report

Report Number

EVT-071-1003

**Applicant**: Hong-Chang Electric Heater TECH. Company LTD. Date: Sept.28.2011

NO.11, Alley53, Lane118, Shuang Lien Sec. 2, Min Tzu Rd., Ping-Chen, Taoyuan 32451, Taiwan

**Sample Description** 

Sample Name : Heating Jacket

Model Name : Heating Jacket SD-001 \*2

Date of Received : Sept. 21, 2011

Date of Testing : Sept. 22, 2011~ Sept. 23, 2011

**Test Required**: As requested by the applicant, please see following sheets in detail.

Conclusion : Test Information Page Test Result

IP54 Test 2 Please see attached sheets

Authorized by:

On behalf of World Advance Co., Ltd.

Casber Lu **Manager** 

#### Notes:

- This report will be invalid if duplicated or photocopied in part.
- This report refers only to the specimen(s) submitted to test, and is invalid as separately used.



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### 1. IP54 test

## **Test Equipment:**

Equipment Name: Dust Test Chamber Model number: ALAB-E-IPS-5600 Date of Calibration: Jan. 10, 2011 Equipment Name: Rain Test System Model number: ALAB-E-IPS-0034

Date of Calibration: Jan. 10, 2011

## **Laboratory Ambience Condition:**

Temperature : 26°C Humidity : 65%RH

#### **Reference Document:**

The test was performed with reference to IEC60529:2001 Degrees of protection provide by enclosure (IP Code).

### **Test Condition:**

Item	Type of dust	Amount of dust	Under pressure	Duration time
IP5X	talcum powder 50*70 μm	2 kg/m³		8 hrs
Item	Oscillating Tube	Water flow rate	Distance	Duration time
IPX4	Spray ±180° from Vertical	0.07 l/min, per hole	max. 200mm	10 min

### Test Result:

Model Name	PASS	FAIL	No Judgment
Heating Jacket SD-001	V	_	_

#### Test Criteria:

- After test the UUT still can heating in normal condition.



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# Appendix:

Test photo



01 IP5X Before test

02 After test





03 After test (IP5X)

04 IPX4 Testing





05 IPX4 Testing

06 After test (IPX4)

- The End of Test Report