



Test Report

Report No: SHRLN0032/2008

Page: 1 of 4

Date: Nov. 25, 2008

SHANGHAI KAKU ELECTRIC EQUIPMENT CORP.

The below samples were submitted by client and said to be:

Product Description : AXIAL COOLING FAN
Model No : KA1525
Quantity : 2pcs
Sample Receiving Date : Nov. 21, 2008
Testing Period : From Nov. 21, 2008 to Nov. 25, 2008
Test Request : IP55
Test Method : Refer to IEC60529-2001 and client's requirement.
Test Result(s) : For further details, please refer to the following pages.

Signed for and on behalf of
SGS-CSTC Ltd.

Michael

Michael Zhang
E&E Reliability Lab





Test Report

Report No: SHRLN0032/2008

Page: 2 of 4

Date: Nov. 25, 2008

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Equipment:

Name	Model
Dust Chamber	SC-6
Water Proof Tester	T041101-01
HIPOT Test	ZHZ8
Electrical Character Meter	PF140A
Digital Tachometer	HT-400

Test Information:

Test Sequence	Test Item
1	Operating Current Measurement
2	Power Consumption Measurement
3	Withstand Voltage Test
4	Rotate Speed Measurement
5	IP55
6	Operating Current Measurement
7	Power Consumption Measurement
8	Withstand Voltage Test
9	Rotate Speed Measurement

Test Method: Refer to IEC60529-2001 & client's requirement, Degree of protection provided by enclosures (IP code)

IP code	IP 55	Sample Serial No.
First characteristic numeral	Dust-Protected Test	SHRLN0032 #1
Second characteristic numeral	Protected against the ingress of water jets	SHRLN0032 #2

Test condition:

Test A. Dust-Protected Test

Test Dust: 2kg/m³ chamber volume and be kept in suspension during the test

Test Duration: 8 hours

Test Result(s): Satisfied.

No dust was found in the sample, the sample was still operating after the test.

Test Report

Report No: SHRLN0032/2008

Page: 3 of 4

Date: Nov. 25, 2008

Test B. Protected against the ingress of water jets

Water Jet Nozzle: Ø6.3mm
 Water Flow: 12.5l/min ± 5%
 Water Pressure: about 30KPa
 Distance: 2.5m~3m
 Test Duration: each 3minutes for front side and back side

Test Result(s): Satisfied.

No water was found in the sample, the sample was still operating after the test.

Test Data:

1. Operating Current: Measure the Operating Current with 230V AC.

Serial No.	Test Data	
	Before Test	After Test
SHRLN0032 #1	0.168A	0.171A
SHRLN0032 #2	0.156A	0.157A

2. Power Consumption: Measure the Power Consumption with 220V AC.

Serial No.	Test Data	
	Before Test	After Test
SHRLN0032 #1	32.35W	32.60W
SHRLN0032 #2	32.96W	33.58W

3. Withstand Voltage Test: Apply 1500V AC between Power Terminals and Case for 1 minute, and the leakage current was no more than 0.5mA.

Neither a dielectric breakdown nor a flashover shall occur during the test.

Serial No.	Test Data	
	Before Test	After Test
SHRLN0032 #1	0.30mA	0.30mA
SHRLN0032 #2	0.30mA	0.30mA

4. Rotate Speed: Measure the Rotate Speed with 230V AC.

Serial No.	Test Data	
	Before Test	After Test
SHRLN0032 #1	2699 rev.	2711 rev.
SHRLN0032 #2	2706 rev.	2700 rev.





Test Report

Report No: SHRLN0032/2008

Page: 4 of 4

Date: Nov. 25, 2008

Photos:

SHRLN0032 #1	
Before Test	After Test
	
SHRLN0032 #2	
Before Test	After Test
	

*** End of Report ***