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Report No. SHESO09030029601

# **Test Report**

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Report No:	SHESO09030029601	MINISTRATION NAMED IN COLUMN	
Date of issue:	2009-04-17		
Applicant	Shanghai KAKU Electric	0	
name:	Equipment Corp.		
Address:	26F/GH, T1, 2601Xie		
	Tu Road, Shanghai,	ка 13538на 2	
	China	KAKD	
Product	FAN	EAST CORP	
Description:	FAN		
Model No:	KA13538		
		8 1	
Date of receipt of	2009-03-24		
test item:		Picture	
Date(s) of			
performance of			
test:			
Test			
requirement:	IP55 test and Electrical performance test		
•			
Standard:	Refer to IEC60529-2001 for IP55 and client's requirement for other test		
Remarks:	For further details, please re	efer to the following pages.	

Tim Cus	2009.417
Tested by: Tim Guo	Date
Pors	2009.41)
Reviewed by: Pop Sun	Date





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	
Electrical Character Meter	PF140A	
Digital Tachometer	HT-400	

#### **Test Information:**

Test Property	Test Method	Test Description	
Operating Current  Measurement	Test voltage at 230-240V Frequency 50/60Hz	Max current: 0,125 A  Details See Table 1.	
Power Consumption Measurement	Test voltage at 230-240V Frequency 50/60Hz	Max power: 29,63W  Details See Table 1.	
Rotate Speed Measurement	Test voltage at 230-240V Frequency 50/60Hz	Max speed: 2213/min  Details See Table 1.	
IP5X	Reference IEC60529-2001	No dust was found in the sample, the sample was still operating after the test  Details See Table 2.	
IPX5	Reference IEC60529-2001	No water was found in the sample, the sample was still operating after the test.  Details See Table 3.	
Operating Current Measurement	After the IPX5 test; Test voltage at 230-240V Frequency 50/60Hz	Max current: 0,128A  Details See Table 3.	
Power Consumption  Measurement  After the IPX5 test  Test voltage at 230-240V  Frequency 50/60Hz		Max power: 30,10W  Details See Table 3.	
Rotate Speed Measurement	Client's requirement	Max speed: 2274/min  Details See Table 3.	



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#### Table 1:

Operating at 50Hz				
Sample Serial No	Voltage (V)	Current (A)	Power (W)	Speed (/min)
1#	220	0,111	24,04	2098
	230	0,114	25,85	2146
	240	0,116	27,59	2213
	220	0,104	22,61	2007
2#	230	0,109	24,75	2144
	240	0,114	26,99	2212
Operating at 60Hz				
Sample Serial No	Voltage (V)	Current (A)	Power (W)	Speed (/min)
1#	220	0,114	24,66	1782
	230	0,120	27,04	1868
	240	0,125	29,63	2093
2#	220	0,120	25,96	2004
	230	0,123	27,78	2058
	240	0,125	29,48	2130

#### Table 2:

IP5X		
Test Method	Refer to IEC60529-2001 & client's requirement, Degree of protection provided	
	by enclosures (IP code)	
Test Dust	2kg/m3 chamber volume and be kept in suspension during the test	
Test Duration	8 hours	
Test Description	No dust was found in the sample, the sample was still operating after the test.	



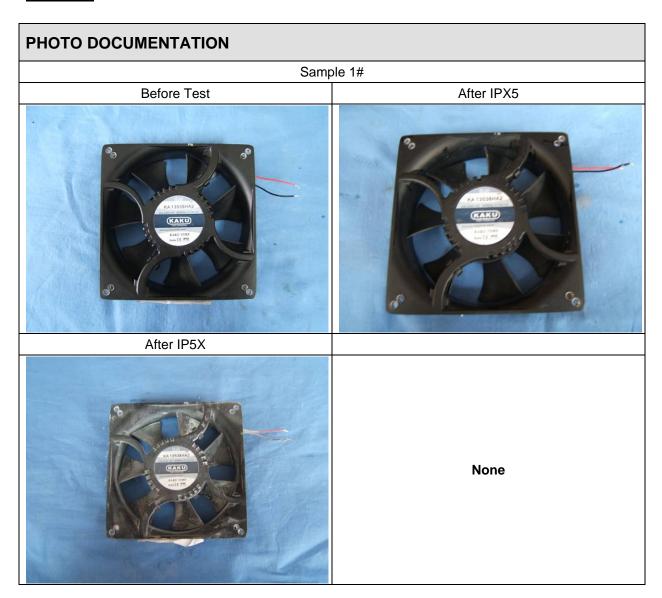


#### Table 3:

Table 3:						
IPX5						
Tost Mathad	Refer to IEC60529-2001 & client's requirement, Degree of protection provided					
Test Method	by enclosures (IF	by enclosures (IP code)				
Water Jet Nozzle	Ø6.3mm	Ø6.3mm				
Water Flow	12.5l/min±5%	12.5l/min±5%				
Water Pressure	about 30KPa	about 30KPa				
Distance	2.5m~3m	2.5m~3m				
Test Duration	each 3minutes fo	each 3minutes for front side and back side				
Test Description	No water was fou	No water was found in the sample, the sample was still operating after the test.				
Operating at 50Hz	•					
Sample Serial No	Voltage (V)	Current (A)	Power (W)	Speed (/min)		
	220	0,107	23,22	2005		
1#	230	0,112	25,37	2130		
	240	0,117	27,63	2218		
	220	0,110	24,01	2128		
2#	230	0,114	25,91	2183		
	240	0,118	27,92	2274		
Operating at 60Hz			•			
Sample Serial No	Voltage (V)	Current (A)	Power (W)	Speed (/min)		
	220	0,122	26,39	1995		
1#	230	0,125	28,22	2081		
	240	0,128	30,10	2170		
	220	0,116	24,98	1830		
2#	230	0,121	27,46	1998		
	240	0,127	29,93	2160		

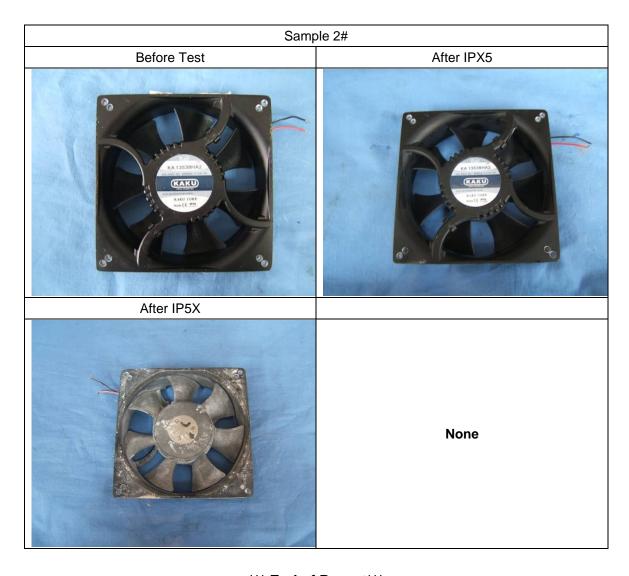


# Annex 1:





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\*\*\* End of Report\*\*\*