



Test Report issued under the responsibility of:



TEST REPORT IEC 60335-2-23 Safety of household and similar electrical appliances Part 2-23: Particular requirements for appliances for skin or hair care	
Report Reference No.	SHESO10090148401
Date of issue	2011-08-01
Total number of pages	59
CB Testing Laboratory	SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Address	No. 588 West Jindu Rd, Xinqiao Town, Songjiang District 201612 Shanghai CHINA
Applicant's name	ZHEJIANG AIKE APPLIANCES Co., Ltd.
Address	Industry Zone Yong An, Xianju, Zhejiang, China.
Test specification:	
Standard	IEC 60335-2-23:2003 (5. edition) (incl. Corr.2:2008) + A1:2008 in conjunction with IEC 60335-1:2001 (4. edition) (incl. Corr.1:2002) + A1:2004 (incl. Corr.1:2005) + A2:2006 (incl. Corr.1:2006)
Test procedure	CB Scheme
Non-standard test method	N/A
Test Report Form No.	IEC60335_2_23F
Test Report Form(s) Originator	VDE
Master TRF	Dated 2009-01
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This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.	
Test item description	Hand dryer
Trade Mark	N/A
Manufacturer	Same as applicant
Model/Type reference	AK2006H
Ratings	220-240V~, 1650-2050W, Class I, IPX4

Testing procedure and testing location:

☒ **CB Testing Laboratory:**

Testing location/ address.....: Refer to p. 1

☐ **Associated CB Laboratory:**

N/A

Testing location/ address.....:

Tested by (name + signature).....: Eva Weng

Eva Weng

Approved by (+ signature): Steven Dong

Steven Dong☐ Testing procedure: TMP

N/A

Tested by (name + signature).....:

Approved by (+ signature):

Testing location/ address.....:

☐ Testing procedure: WMT

N/A

Tested by (name + signature).....:

Witnessed by (+ signature).....:

Approved by (+ signature):

Testing location/ address.....:

☐ Testing procedure: SMT

N/A

Tested by (name + signature).....:

Approved by (+ signature):

Supervised by (+ signature).....:

Testing location/ address.....:

☐ Testing procedure: RMT

N/A

Tested by (name + signature).....:

Approved by (+ signature):

Supervised by (+ signature).....:

Testing location/ address.....:

Summary of testing:

The provided samples were tested and found to meet the below standards:

IEC 60335-1:2001 + A1:2004 + A2:2006

IEC 60335-2-23:2003 + A1:2008

EN 60335-1:2002 + A11:2004 + A1:2004 + A12:2006 + A2:2006 + A13:2008 + A14:2010

EN 60335-2-23:2003 + A1: 2008

EN 62233:2008

Full tests were performed on the model AK2006H.

Tests performed (name of test and test clause):

All tests

Testing location:

CBTL

Summary of compliance with National Differences:

1. EU Group Differences

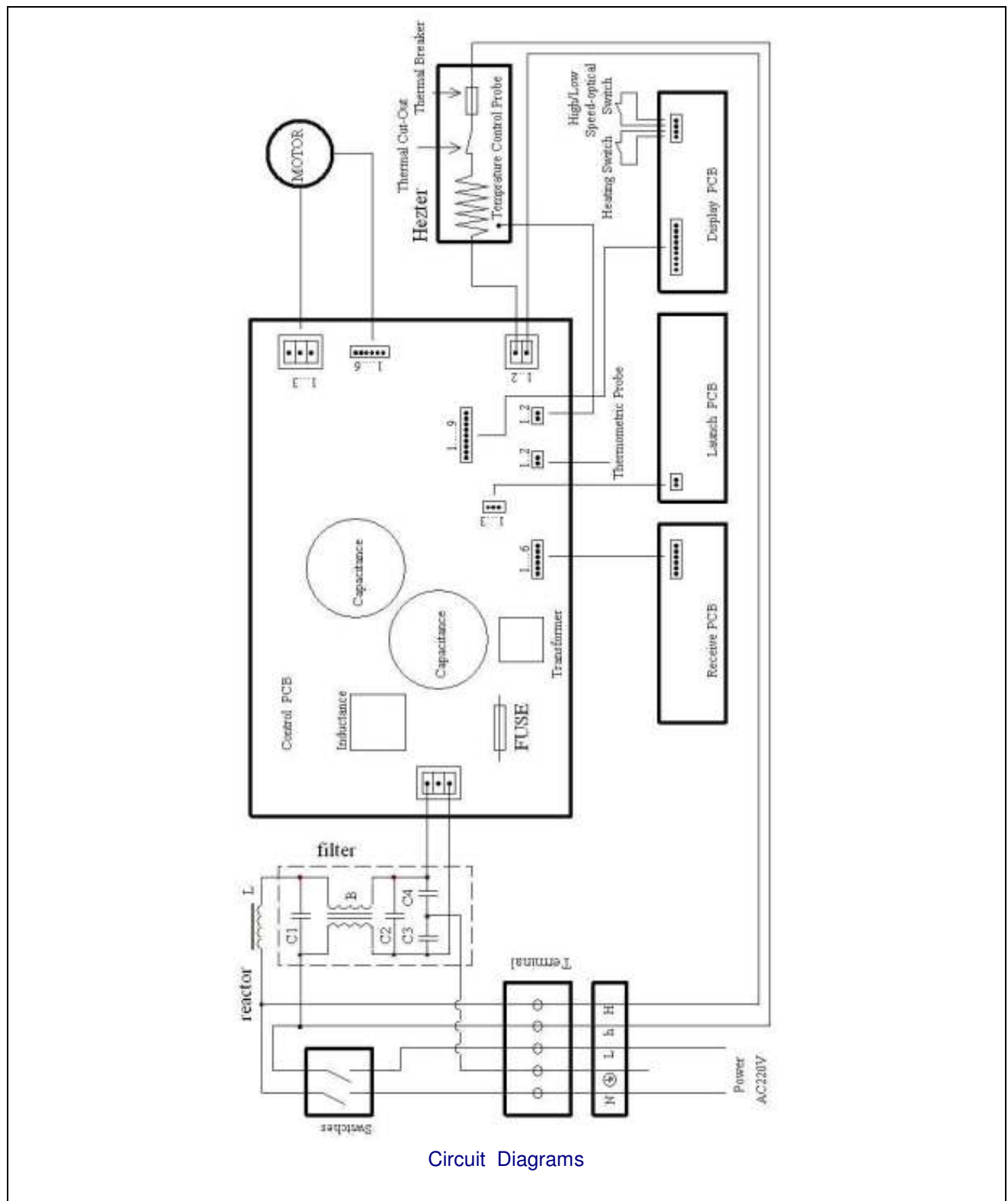
Copy of marking plate:

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBs that own these marks.

IEC 60335-2-23			
Clause	Requirement + Test	Result - Remark	Verdict

21	MECHANICAL STRENGTH		--
21.1	Appliance has adequate mechanical strength and is constructed as to with stand rough handling (IEC 60335-1/A1)		P
	Checked by applying blows to the appliance in accordance with test Ehb of IEC 60068-2-75, spring hammer test, impact energy 0,5 J (IEC 60335-1/A1)	0,5 J	P
	If necessary, supplementary or reinforced insulation subjected to electric strength test of clause 16.3 (IEC 60335-1/A1)		N/A
	If necessary, repetition of groups of three blows on a new sample (IEC 60335-1/A1)		N/A
	Hand-held appliances also subjected to test of clause 21.101 (IEC 60335-2-23/A1)		N/A
21.2	Accessible parts of solid insulation having strength to prevent penetration by sharp implements (IEC 60335-1/A1)		P
	Insulation is tested as specified, unless (IEC 60335-1/A1)		N/A
	thickness of supplementary insulation is at least 1 mm and reinforced insulation is at least 2 mm (IEC 60335-1/A1)	Enclosure 2,1 mm Sensor cover: 2,1 mm	P
21.101	Appliance placed on horizontal surface positioned 700 mm above rigidly supported hardwood board and operated while supplied at rated voltage (IEC 60335-2-23)		N/A
	Pulled from surface by its supply cord and allowed to drop freely. Test carried out five times, appliance being placed on horizontal surface in different positions likely to occur (IEC 60335-2-23)		N/A
	Appliance not damaged to such an extent that compliance with this standard is impaired. In particular, requirements of clauses 8 and 29 be fulfilled (IEC 60335-2-23)		N/A

22	CONSTRUCTION		--
22.1	Appliance marked with the first numeral of the IP system, relevant requirements of IEC 60529 fulfilled	IPX4	N/A
22.2	Stationary appliance: means to provide all-pole disconnection from supply provided, the following means being available:		—
	- a supply cord fitted with a plug		P
	- a switch complying with clause 24.3		N/A
	- a statement in the instruction sheet that a disconnection incorporated in fixed wiring is to be provided		N/A



Enclosure 3 – Photo documentation of hand dryer

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Hand dryer, Model: AK2006H

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Detail of: General view



Detail of: General view



Enclosure 3 – Photo documentation of hand dryer

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Hand dryer, Model: AK2006H

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Detail of: General view



Detail of: General view



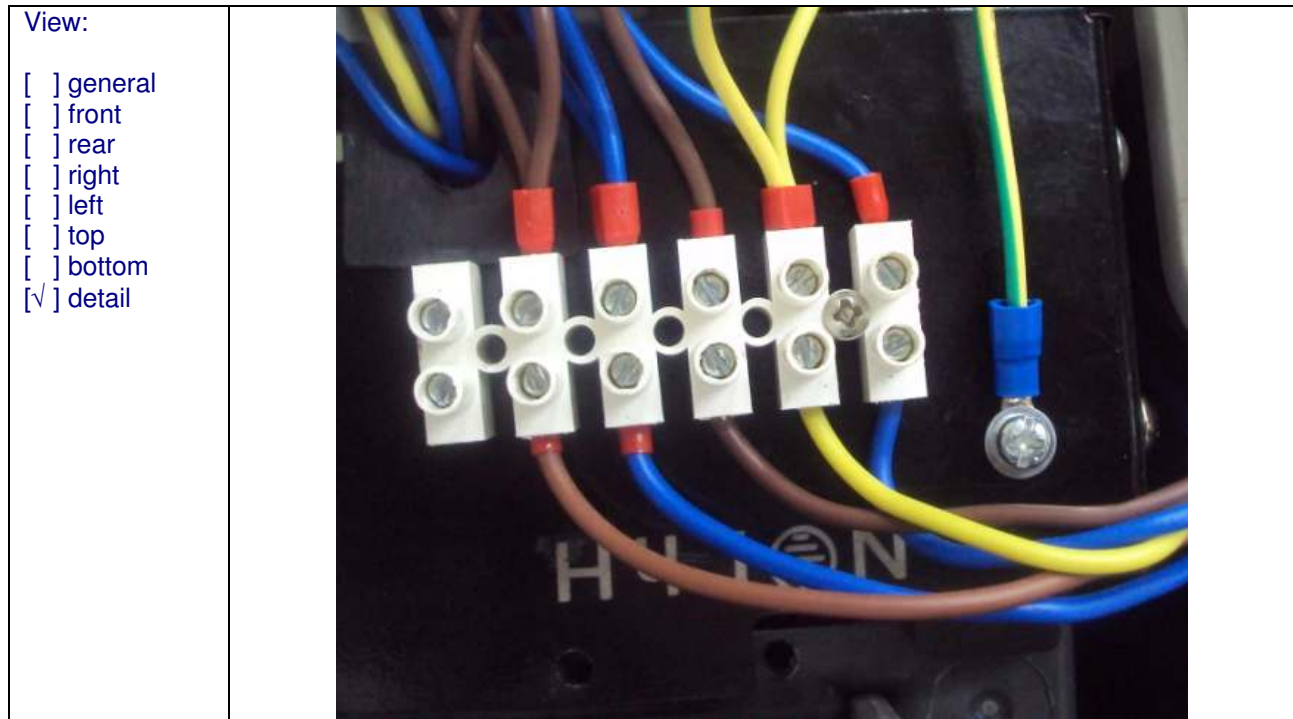
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Detail of: Terminal block of supply cord



Detail of: Motor



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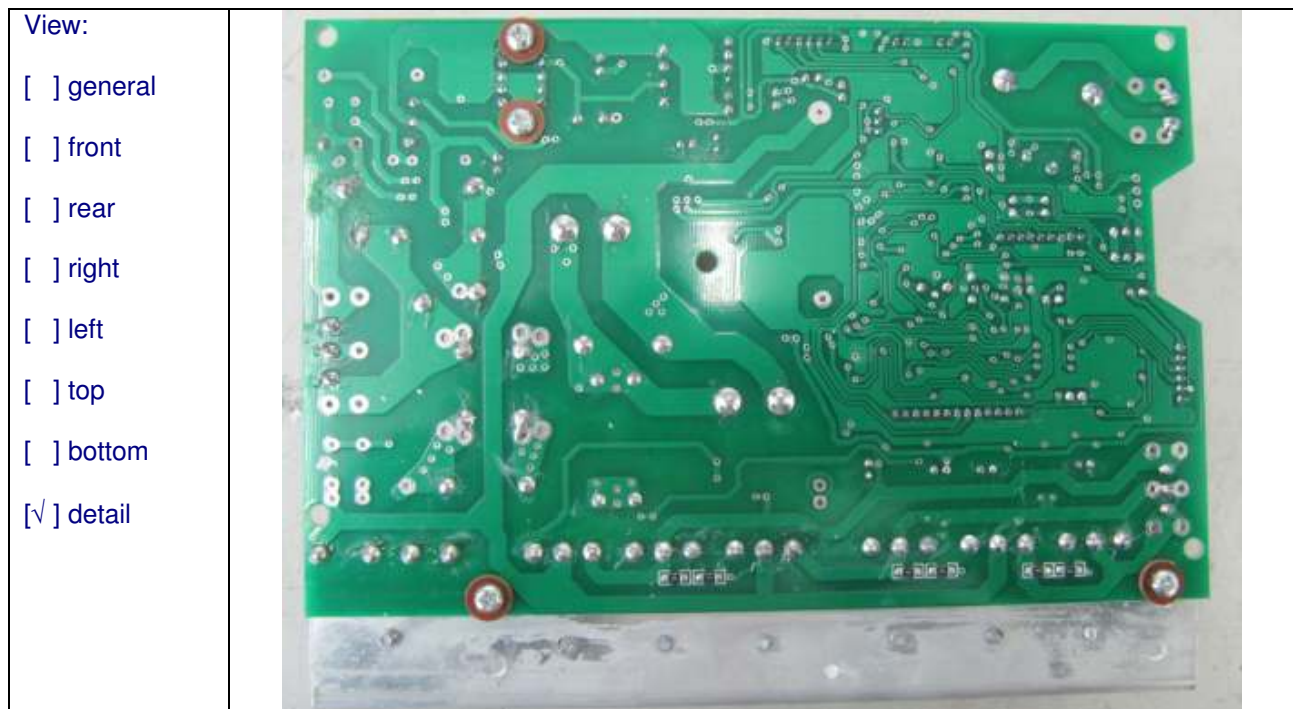
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Hand dryer, Model: AK2006H



Detail of: PCB- Main control



Detail of: Other PCB

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Hand dryer, Model: AK2006H

Detail of: Relay



- End of Enclosure 3 -