



Test Report issued under the responsibility of:



TEST REPORT IEC 60335-2-54 Safety of household and similar electrical appliances Part 2: Particular requirements for surface-cleaning appliances for household use employing liquids or steam	
Report Number	EFSH18061273-IE-02-L01-A1
Date of issue	2018-07-09; Amendment 1: 2019-08-27
Total number of pages	9 pages
Applicant's name	Ningbo Hebin Electrical Technology Co., Ltd.
Address	No.18,Yuma Road, Doumen, Mazhu Town, Yuyao, Zhejiang, China
Test specification:	
Standard	EN 60335-1:2012+A11:2014+A13:2017 EN 60335-2-54:2008+A1:2015+A11:2012 EN 62233:2008
Test procedure	GS+CE-LVD
Non-standard test method	N/A
Test Report Form No.	IEC60335_2_54H
Test Report Form(s) Originator	TÜV SÜD PSB Pte Ltd
Master TRF	Dated 2018-02-09
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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.	
General disclaimer:	
The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing CB Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the NCB, responsible for this Test Report.	

Test item description	Steam Mop	
Trade Mark	--	
Manufacturer	Ningbo Hebin Electrical Technology Co., Ltd.	
Model/Type reference	HEB-801, HEB-802, HEB-805, HEB-808, HEB-809, HEB-805A, HEB-808A, HEB-812, HEB-816, HEB-818C, HEB-818, HEB-818A, HEB-818D, HEB-818E, HEB-805D, HEB-808D	
Ratings	220-240V~, 50/60Hz, 1300W, IPX4, Class I for all models	
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
<input checked="" type="checkbox"/> Testing Laboratory:	Eurofins Product Testing Service (Shanghai) Co., Ltd.	
Testing location/ address	No. 395, No. 399 West Jiangchang Road, Jing'an District, Shanghai, China	
Tested by (name, function, signature)	Chris Tan /Project Engineer	
Approved by (name, function, signature) ...:	Michael Liu /Project Engineer	
<input type="checkbox"/> Testing procedure: CTF Stage 1:		
Testing location/ address	N/A	
Tested by (name, function, signature)	N/A	
Approved by (name, function, signature) ...:	N/A	
<input type="checkbox"/> Testing procedure: CTF Stage 2:		
Testing location/ address	N/A	
Tested by (name + signature)	N/A	
Witnessed by (name, function, signature) ..:	N/A	
Approved by (name, function, signature) ...:	N/A	
<input type="checkbox"/> Testing procedure: CTF Stage 3:		
<input type="checkbox"/> Testing procedure: CTF Stage 4:		
Testing location/ address	N/A	
Tested by (name, function, signature)	N/A	
Witnessed by (name, function, signature) ..:	N/A	
Approved by (name, function, signature) ...:	N/A	
Supervised by (name, function, signature) :	N/A	

List of Attachments (including a total number of pages in each attachment):

- Photo document: 2 pages (main file)
- Constructional data form (CDF): 7 pages (separate file)

Summary of testing: From the result of our inspection and tests on the submitted samples, we conclude they comply with the requirements of the standards

Tests performed (name of test and test clause):

Cl.21 Mechanical strength

Testing location:

Eurofins Product Testing Service (Shanghai) Co., Ltd.

No. 395, No. 399 West Jiangchang Road, Jing'an District, Shanghai, China


Summary of compliance with National Differences (List of countries addressed):

European Group Differences

Copy of marking plate: (Representative, may differ with the model number)

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.

Steam Mop
HEB-801
220-240V~, 50/60Hz, 1300W, IPX4, Class I
Batch No./Serial No. XXXX

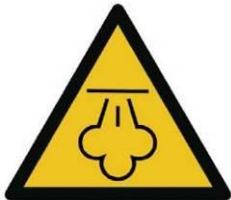
Ningbo Hebin Electrical Technology Co., Ltd.
No.18,Yuma Road,Doumen,Mazhu Town,Yuyao,Zhejiang,China

Imported by:
(Full Name of the EU importer)
(Full EU Address of the importer)

Warnung:

Vorsicht: Verbrühungsgefahr!

WARNING: Danger of scalding.



Height of symbol IEC 60417-5041 is over 12mm.

Test item particulars:	
Classification of installation and use: Hand-held, household and indoor use	
Supply Connection: Type Y	
.....:	
Possible test case verdicts:	
- test case does not apply to the test object: N/A	
- test object does meet the requirement: P (Pass)	
- test object does not meet the requirement: F (Fail)	
Testing:	
Date of receipt of test item: 2019-08-10	
Date (s) of performance of tests: 2019-08-10 to 2019-08-27	
General remarks:	
<p>The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.</p> <p>"(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report. The related applicable CTL/OSM decisions have been considered and the requirements found fulfilled. Throughout this report a <input checked="" type="checkbox"/> comma / <input type="checkbox"/> point is used as the decimal separator. For GS approval, EK1 601-15e Rev2, EK1 189-03, EK1 338-07, EK1 454-09, EK1 527-12 Rev.2 and EK1 309-06 are considered.</p>	
Manufacturer's Declaration per sub-clause 4.2.5 of IEC60335-1:	
The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided.....:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not applicable
When differences exist; they shall be identified in the General product information section.	
Name and address of factory (ies): Same as applicant	

General product information and other remarks:

The appliances covered by this report are handheld steam mops for household and indoor use. Thermostat and thermal link are incorporated in the appliances for safeguard themselves.

Model HEB-801 and HEB-802 have same pump.

HEB-805, HEB-808 and HEB-809 have another pump.

HEB-808 and HEB-809 only have minor differences of outer enclosure.

HEB-805A is identical with HEB-805 except the heating element and the thermostat.

HEB-808A is identical with HEB-808 except the heating element and the thermostat.

HEB-812 and HEB-816, which assemble same heating element.

HEB-818 and HEB-818A are identical with HEB-818C except the heating element.

HEB-801, HEB-802, HEB-805, HEB-808, HEB-805A, HEB-812, HEB-816, HEB-818C, HEB-818, HEB-818A and HEB-808A were tested and the most unfavourable test data were recorded.

Amendment 1:

The original Test Report Ref. EFSH18061273-IE-02-L01, dated 2018-07-09 was modified on 2019-08-27 to include the following changes and/or additions:

1. Add four new models: HEB-818D, HEB-818E, HEB-805D, HEB-808D.

HEB-818D, HEB-818E are totally same as HEB-818 except for the colour, handle shape and extra mop tank.

HEB-805D is totally same as HEB-805 except for the colour, handle shape and extra mop tank.

HEB-808D is totally same as HEB-808 except for the colour, handle shape and extra mop tank.

2. Change the address of license holder/manufacturer/factory from "Langxia Village, Langxia Street, Yuyao, Ningbo, 315480 Zhejiang,China" to "No.18, Yuma Road, Doumen, Mazhu Town, Yuyao, Zhejiang, China".

After review, HEB-818D, HEB-818E, HEB-805D and HEB-808D are subjected the test of Cl.21.1.

This report is only valid in conjunction with the original test report No. EFSH18061273-IE-02-L01.

IEC 60335-2-54			
Clause	Requirement + Test	Result - Remark	Verdict
21	MECHANICAL STRENGTH		--
21.1	Appliance has adequate mechanical strength and is constructed as to withstand rough handling		P
	Checked by applying 3 blows to every point of the enclosure like to be weak, in accordance with test Ehb of IEC 60068-2-75, spring hammer test, with an impact energy of 0,5 J	(see appended table)	P
	The appliance shows no damage impairing compliance with this standard, and		P
	compliance with 8.1, 15.1 and clause 29 not impaired		P
	If doubt, supplementary or reinforced insulation subjected to the electric strength test of 16.3		N/A
	If necessary, repetition of groups of three blows on a new sample		N/A
	Hand-held appliances and hand-held parts of appliance incorporating electrical components, drop to concrete floor from 2m height. (IEC 60335-2-54)	Drop the concrete floor 3 times from the height which is considered to be occurred in normal use.	P
	Appliances carried on the operator's body, drop to concrete floor from 1m height. (IEC 60335-2-54)		N/A

Photo 1

Description: Overview for HEB-805D



Photo 2

Description: Overview for HEB-818D



Photo 3

Description: Overview for HEB808D



Photo 4

Description: Alternative overview for HEB-818E

