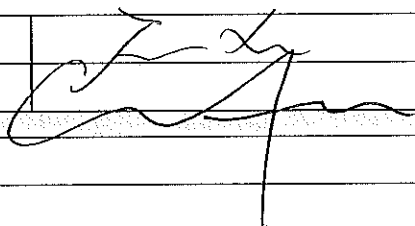


Test Report issued under the responsibility of:



<b>TEST REPORT</b> <b>IEC 60335-2-15</b> <b>Safety of household and similar electrical appliances</b> <b>Part 2: Particular requirements for appliances for heating liquids</b>	
<b>Report Number</b> .....	180501969SHA-001
<b>Date of issue</b> .....	2018-08-10; Amendment 1: 2018-12-29
<b>Total number of pages</b> .....	13 pages of test report (Including 3 pages of photographs)
<b>Name of Testing Laboratory preparing the Report</b> .....	Intertek Testing Shanghai Limited
<b>Applicant's name</b> .....	Ningbo Symay Electrical Appliances Enterprise Co., Ltd.
<b>Address</b> .....	18.Yantanghe Road, Daqi Sub-district, Beilun District, 315000 Ningbo, Zhejiang, P. R. China
<b>Test specification:</b>	
<b>Standard</b> .....	IEC 60335-2-15:2012, AMD1:2016 for use in conjunction with IEC 60335-1:2010, AMD1:2013, AMD2:2016 EN 60335-2-15:2016 used in conjunction with EN 60335-1:2012 + AC:2014 + A11:2014 + A13:2017 EN 62233:2008
<b>Test procedure</b> .....	--
<b>Non-standard test method</b> .....	N/A
<b>Test Report Form No.</b> .....	IEC60335_2_15O
<b>Test Report Form(s) Originator</b> ....	IMQ S.p.A.
<b>Master TRF</b> .....	Dated 2017-09
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<b>General disclaimer:</b> 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.	

<b>Test item description</b> ..... :	Coffee Maker
<b>Trade Mark</b> ..... :	--
<b>Manufacturer</b> .....	Same as applicant
<b>Model/Type reference</b> ..... :	CM-101*(*=A or S), CM-102A, CM-105*(*=A, B, EA or EA1), CM-106*(*=A or S), CM-107*(*=A, B, BS or EA), CM-108*(*=blank, A, E, S, T, AT, ET or TS), CM-109*(*=blank, A, B, E, S, T, AT, BT, ES, ET, TS or ETS), CM-111*(*=-1 or A-1), CM-112*(*=blank, -1, A, B or A-1), CM-113, CM-116, CM-118*(*=A or A-1), CM-119*(*=blank or A), CM-121*(*=A, E, AT or ET), CM-122*(*=A, E, AT or ET), CM-123*(*=A or S), CM-125A, CM-126*(*=T or TA), CM-127*(*=E or ET)
<b>Ratings</b> ..... :	220-240V~, 50-60Hz, Class I CM-113: 420-500W; CM-101*(*=A or S), CM-102A, CM-106*(*=A or S): 550-650W; CM-111*(*=-1 or A-1), CM-112*(*=blank, -1, A, B or A-1), CM-116, CM-118*(*=A or A-1), CM-119*(*=blank or A): 650-750W; CM-108*(*=blank, A, E, S, T, AT, ET or TS), CM-109*(*=blank, A, B, E, S, T, AT, BT, ES, ET, TS or ETS), CM-123*(*=A or S), CM-125A, 126*(*=T or TA): 800W; CM-121*(*=AT or ET), CM-122*(*=AT or ET), CM-127ET: 900W; CM-105*(*=A, B, EA or EA1), CM-107*(*=A, B, BS or EA), CM-121*(*=A or E), CM-122*(*=A or E), CM-127E: 950W;

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
<input checked="" type="checkbox"/>	CB Testing Laboratory:	Intertek Testing Shanghai Limited
Testing location/ address.....:		Building No. 86, 1198 Qinzhou Road (North), Shanghai 200233, China
Tested by (name, function, signature) .....		Junior Xu 
Approved by (name, function, signature)....:		Gavin Fu
<input type="checkbox"/>	Testing procedure: CTF Stage 1:	N/A
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:	N/A
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
<input type="checkbox"/>	Testing procedure: CTF Stage 3:	N/A
<input type="checkbox"/>	Testing procedure: CTF Stage 4:	N/A
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):**

Constructional Data Form (CDF): 14 pages

**Summary of testing:**

From the result of our inspection and tests on the submitted samples, we conclude that they comply with the requirements of the standards.

**Tests performed (name of test and test clause):**

Refer to description for Amendment 1 (page 8) for details.

**Testing location:**

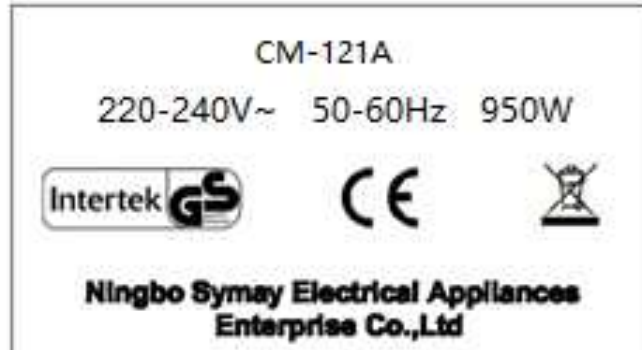
Same as previous page.

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

National differences for Germany, U.K and Italy have been checked

**The product fulfils the requirements of EN 60335-2-15:2016 used in conjunction with EN 60335-1:2012+AC:2014+A11:2014+A13:2017 and EN 62233:2008**

**Copy of marking plate(representative):**



Note: When the equipment is vended to EU, then name and address of the importer or authorized representative within the EEA shall be added on the equipment.

<p><b>Test item particulars:</b></p> <p><b>Classification of installation and use</b> .....: Portable and indoor use only</p> <p><b>Supply Connection</b> .....: Type Y</p> <p>.....:</p>	
<p><b>Possible test case verdicts:</b></p> <p>- test case does not apply to the test object.....: N/A</p> <p>- test object does meet the requirement .....: P (Pass)</p> <p>- test object does not meet the requirement.....: F (Fail)</p>	
<p><b>Testing:</b></p> <p><b>Date of receipt of test item</b> .....: 2018-12-28</p> <p><b>Date (s) of performance of tests</b> .....: 2018-12-28</p>	
<p><b>General remarks:</b></p> <p>"(See Enclosure #)" refers to additional information appended to the report.          "(See appended table)" refers to a table appended to the report.</p> <p><b>Throughout this report a <input checked="" type="checkbox"/> comma / <input type="checkbox"/> point is used as the decimal separator.</b></p> <p>The (EU) 2015/1143 has been considered, the appliance is intended to heat the water first and then brew the coffee powder, there is no overflow risk during normal operation.</p> <p>The keep warm function evaluated according to Clause 19.106 of IEC 60335-2-15.</p> <p>PAH test according to AfPS GS 2014:01 PAK is considered and passed, please refer to PAH test report 18501969SHA-001-PAH for detail.</p> <p>No obvious or conspicuous PAK/PAH issues was observed.</p> <p>This test report should be read in conjunction with the Construction Data Form (CDF).</p> <p>Determination of the test conclusion is based on IEC Guide 115 in consideration of measurement uncertainty.</p> <p>This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.</p>	
<p><b>Manufacturer's Declaration per Sub-clause 4.2.5 of IEC 60335-2-15:</b></p>	
<p>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.....:</p>	<p><input type="checkbox"/> <b>Yes</b></p> <p><input checked="" type="checkbox"/> <b>Not applicable</b></p>
<p><b>When differences exist; they shall be identified in the General product information section.</b></p>	

**Name and address of factory (ies)**..... : Ningbo Symay Electrical Appliances Enterprise Co., Ltd.  
18.Yantanghe Road, Daqi Sub-district, Beilun District, 315000 Ningbo, Zhejiang, P. R. China

**General product information:**

The products covered by this report are coffee makers, for household and indoor use, which incorporates temperature limiter and thermal link or self-resetting thermostat and thermal link.

**Model summary:**

Model	Rating (W)	Pot	Water level (Cup)	Switch	Metal decoration	keep warm plate
CM-101A	550-650	A	6	E		√
CM-101S	550-650	A	6	E	I	√
CM-102A	550-650	A	6	E		√
CM-105A	950	A	10	E	K	√
CM-105B	950	A	10	E		√
CM-105EA	950	A	10	G	K	√
CM-105EA1	950	A	10	G	J	√
CM-106A	550-650	A	5	E		√
CM-106S	550-650	A	5	E	I	√
CM-107A	950	A	15	E		√
CM-107B	950	A	15	E		√
CM-107BS	950	A	15	E	I	√
CM-107EA	950	A	15	G		√
CM-108	800	A	10	E	I	√
CM-108A	800	A	10	E	K	√
CM-108E	800	A	10	G	I	√
CM-108S	800	A	10	E	K	√
CM-108T	800	B	8	F	I	
CM-108AT	800	B	8	F	K	
CM-108ET	800	B	8	G	I	
CM-108TS	800	B	8	F	K	
CM-109	800	A	12	E		√
CM-109A	800	A	12	E	K	√
CM-109B	800	A	12	E	J	√
CM-109E	800	A	12	G		√
CM-109S	800	A	12	E	K	√
CM-109T	800	B	10	F		
CM-109AT	800	B	10	F	K	
CM-109BT	800	B	10	F	J	
CM-109ES	800	A	12	G	I	√
CM-109ET	800	B	10	G		
CM-109TS	800	B	10	F	K	
CM-109ETS	800	B	10	G	I	
CM-111-1	650-750	D	3,5	H	I	
CM-111A-1	650-750	D	3,5	H	I	
CM-112	650-750	D	3,5	H	K	
CM-112-1	650-750	D	3,5	H	K	
CM-112A	650-750	D	3,5	H	K	
CM-112B	650-750	D	3,5	E	K	
CM-112A-1	650-750	D	3,5	H	K	
CM-113	420-500	C	2,5	H	I	
CM-116	650-750	D	7	H		
CM-118A	650-750	C, D	3	E	I	

CM-118A-1	650-750	C, D	3	E	I	
CM-119	650-750	D	3,5	G	K	
CM-119A	650-750	D	3,5	G	K	
CM-121A	950	A	12	E	K	√
CM-121E	950	A	12	G	K	√
CM-121AT	900	B	10	E	K	
CM-121ET	900	B	10	G	K	
CM-122A	950	A	15	E	K	√
CM-122E	950	A	15	G	K	√
CM-122AT	900	B	10	E	K	
CM-122ET	900	B	10	G	K	
CM-123A	800	A	12	H		
CM-123S	800	A	12	H	I	
CM-125A	800	A	10	H	I	
CM-126T	800	B	8	H	I	
CM-126TA	800	B	8	H	I	
CM-127E	950	A	15	G	K	√
CM-127ET	900	B	10	G	K	

**Remark: the letters represent as below:**

A	Glass pot
B	Vacuum cup
C	Ceramic cup
D	Stainless steel insulated cup
E	Light touching electrical switch
F	Temperature limiter switch(on/off)
G	Electrical switch with LCD
H	Temperature limiter reset switch + power switch
I	The upper part is decorated with metal
J	The lower part is decorated with metal
K	Both upper and lower part is decorated with metal
√	Yes
Blank	No
1 Cup	125mL

**Some model characteristic as the following description:**

CM-107A is same as CM-107B except for CM-107B is taller than CM-107A.

CM-108A is same as CM-108S except for the switch of CM-108A is on the side, CM-108S is on the front, same way as CM-109A and CM-109S.

CM-108AT is same as CM-108TS except for the metal decoration at the bottom of CM-108AT is a circle, CM-108S only around the switch.

CM-111-1 is same as CM-111A-1 except for the metal decoration of CM-111-1 is narrow than CM-111A-1, same way as CM-119 and CM-119A

CM-112 is same as CM-112A except for the metal decoration of CM-112 is narrow than CM-112A, same way as CM-112-1 and CM-112A-1; CM-112 is same as CM-112-1 except for shape of temperature limiter reset switch, same way as CM-112A and CM-112A-1.

CM-118A is same as CM-118A-1 except for power PCB.

CM-126T is same as CM-126TA except for the shape of the filter, CM-126T is square, CM-126TA is round.

Tests are performed on all models, the CM-101S, CM-102A, CM-105A, CM-105EA, CM-106S, CM-107BS, CM-107EA, CM-108A, CM-108E, CM-108T, CM-109A, CM-109E, CM-109T, CM-111-1, CM-112B, CM-113, CM-116, CM-118, CM-119, CM-121A, CM-121E, CM-122A, CM-122E, CM-123S, CM-125A, CM-126T, CM-127E which are selected as representative for the tests and other models were also tested while mentioned, finally only the most unfavourable results were recorded.

**Amendment 1:**

The original test report ref. No. 180501969SHA-001, dated on 2018-08-10, was modified on 2018-12-29 to include the following changes and additions:

1. Change the shape above the water outlet of model CM-112B from “round” to “square” and the width of the metal decoration decreases.
2. Update table 24.1.

After review: Cl.21 need to be concerned, other clauses which not mentioned in the report were referred to original test report.

Clause concerned: Cl.21.

Table concerned: Table 21, 24.

IEC 60335-2-15			
Clause	Requirement + Test	Result - Remark	Verdict
<b>21</b>	<b>MECHANICAL STRENGTH</b>		
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
	Breakage of glass parts is neglected provided that compliance with 8.1, 15.1 and 15.101 is not impaired (IEC 60335-2-15)		N/A

IEC 60335-2-15			
Clause	Requirement + Test	Result - Remark	Verdict

21.1	TABLE: Impact resistance			P
Impacts per surface	Surface tested	Impact energy (Nm)	Comments	
3 times	Enclosure	0,5	P	

24.1	TABLE: Critical components information					P
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity	
Please refer to the latest edition of the Constructional Data Form (CDF) issued for this test report.						

Photo 1.

Description: Over view of CM-112B



Shape from  
"round" to  
"square".

The width of the metal  
decoration  
decreases.

Photo 2.

Description: Over view of CM-112B



Photo 3.

Description: Over view of CM-112B



Photo 4.

Description: Top view of CM-112B



Photo 5.

Description: Internal view of CM-112B



Photo 6.

Description: Internal view of CM-112B

