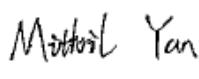



TEST REPORT IEC 60335-2-15 Safety of household and similar electrical appliances Part 2: Particular requirements for appliances for heating liquids	
Report Number	140900068HZH-001
Date of issue	2014-10-17; Amendment 13: 2021-04-22
Total number of pages	7 pages test report
Applicant's name	Ningbo Symay Electrical Appliances Enterprise Co., Ltd.
Address	18.Yantanghe Road, Daqi Sub-district, Beilun District 315000 Ningbo, Zhejiang P. R. China
Test specification:	
Standard	IEC 60335-2-15:2012 (Sixth edition) in conjunction with IEC 60335-1:2010 (Fifth edition) EN 60335-2-15:2016+A11:2018 used in conjunction with EN 60335-1:2012+AC:2014+A11:2014+A13:2017+A1:2019+A2:2019+A14:2019 and EN 62233:2008
Test procedure	--
Non-standard test method	N/A
Test Report Form No.	IEC60335_2_15I
Test Report Form(s) Originator	IMQ S.p.A.
Master TRF	Dated 2012-03
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Test item description	Coffee Maker
Trade Mark	--
Manufacturer	Ningbo Symay Electrical Appliances Enterprise Co., Ltd.
Model/Type reference	CM-101A, CM-101RD, CM-102A, CM-102RD, CM-111, CM-111A, CM-105A, CM-105RD, CM-105E, CM-105ERD, CM-105EA, CM-105EA1, CM-105EA1R, CM-107A, CM-107RD, CM-107B, CM-107BR, CM-107EA, CM-112, CM-112A, CM-202
Ratings	220-240V~, 50/60Hz, Class I; CM-101A, CM-102A, CM-101RD, CM-102RD: 550-650W; CM-111, CM-111A, CM-112, CM-112A: 650-750W; CM-105A, CM-105RD, CM-105E, CM-105ERD, CM-105EA, CM-105EA1, CM-105EA1R, CM-107A, CM-107RD, CM-107B, CM-107BR, CM-107EA: 950W; CM-202: 975W

Testing procedure and testing location:		
<input checked="" type="checkbox"/>	Testing Laboratory:	Intertek Testing Services Shanghai Limited
Testing location/ address		Building No.86, 1198 Qinzhou Road (North), Shanghai, 200233, China
<input type="checkbox"/>	Associated CB Laboratory:	
Testing location/ address		N/A
Tested by (name + signature).....:		Mithril Yan/ Certification Engineer 
Approved by (name + signature)....:		Gavin Fu/ Supervisor 
<input type="checkbox"/>	Testing procedure: TMP	
Testing location/ address		N/A
Tested by (name + signature).....:		N/A
Approved by (name + signature)....:		N/A
<input type="checkbox"/>	Testing procedure: WMT	
Testing location/ address		N/A
Tested by (name + signature).....:		N/A
Witnessed by (name + signature) ..:		N/A
Approved by (name + signature)....:		N/A
<input type="checkbox"/>	Testing procedure: SMT	
Testing location/ address		N/A
Tested by (name + signature).....:		N/A
Approved by (name + signature)....:		N/A
Supervised by (name + signature):		N/A
<input type="checkbox"/>	Testing procedure: RMT	
Testing location/ address		N/A
Tested by (name + signature).....:		N/A
Approved by (name + signature)....:		N/A
Supervised by (name + signature):		N/A

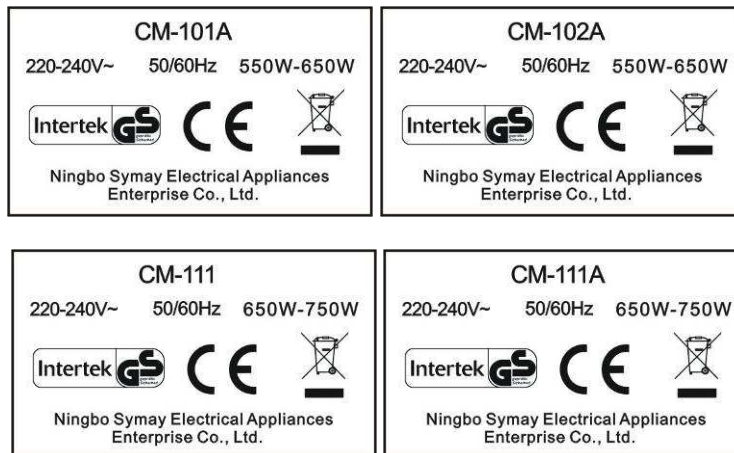
List of Attachments (including a total number of pages in each attachment):
Constructional Data Form (18 pages)

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.

<p>Tests performed (name of test and test clause): Refer to description for Amendment 13 (page5) for details.</p>	<p>Testing location: Same as previous page.</p>
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Summary of compliance with National Differences
List of countries addressed:
National differences of Germany and UK have been checked.

Copy of marking plate. (Representative)



Caution: Hot surface
Achtung: Heiße Oberfläche (The height of symbol is at least 8mm)



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.

Test item particulars	
Classification of installation and use	Portable and indoor use only
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	N/A
Date (s) of performance of tests	N/A
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. "(see Enclosure #)" refers to additional information appended to the report. "(see appended table)" refers to a table appended to the report.</p> <p>Throughout this report a <input checked="" type="checkbox"/> comma / <input type="checkbox"/> point is used as the decimal separator.</p> <p>This test report should be read in conjunction with the Construction Data Form (CDF). PAH test according to AfPS GS 2019: 01 PAK is considered and passed, please refer to PAH test report 200400925SHA-001-PAH and 200400925SHA-001-PAH+A1 for details.</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>The (EU) 2015/1143 has been considered, the appliance has been evaluated with milk/coffee/bean milk with considering the actual use, there is no overflow happened.</p> <p>The services are provided subject to the terms and condition of the company, which can be furnished upon request.</p> <p>Determination of the test conclusion is based on IEC Guide 115 in consideration of measurement uncertainty.</p>	
Manufacturer's Declaration per sub-clause 6.2.5 of IEC60335-2-15:	
<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"/> Yes <input checked="" type="checkbox"/> Not applicable</p>	
When differences exist; they shall be identified in the General product information section.	

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 maker, for household and indoor use. One thermal link, one temperature limiter incorporated in the appliance to safeguard for CM-111, CM-111A, CM-112, CM-112A; One thermal link, one self-resetting thermostat incorporated in the appliance to safeguard for CM-101A, CM-101RD, CM-102A, CM-102RD, CM-105A, CM-105RD, CM-107A, CM-107RD, CM-107B, CM-107BR, CM-105ERD, CM-105EA, CM-105EA1R and CM-202; Two thermal link incorporated in the appliance to safeguard for CM-105E, CM-105EA1 and CM-107EA;

All models have the similar construction, models characteristic refer to the following description:

1. CM-111 and CM-111A, they are one series, both models are same except for container enclosure shape;
2. CM-101A, CM-102A, CM-105A, CM-107A and CM-107B they are one series which have warming plate, these models are same except for enclosure shape; CM-107A and CM-107B, they are same except filter basket; CM-107A which filter basket is cylindrical, CM-107B which filter basket is tapered;
3. CM-105E, CM-105EA1 and CM-107EA, which are controlled by electrical circuit; CM-105E and CM-105EA1, they are same except control panel; CM-105E which control panel is metal, CM-105EA1 which control panel is plastic
4. CM-112 is same as CM-111, except for base shape and decoration. CM-112 is taller than CM-111. CM-112A and CM-111A are the same way;
5. CM-202, which is electronic control, and one pump incorporated;
6. CM-101RD is same as CM-101A, except for electrical and material of PCB are different; CM-102RD and CM-102A, CM-105RD and CM-105A, CM-107RD and CM-107A, CM-107BR and CM-107B are all the same way;
7. CM-105ERD is same as CM-105E, except for electrical and material of PCB are different, CM-105ERD has one thermal link, one self-resetting thermostat incorporated in the appliance to safeguard, CM-105E has two thermal link incorporated in the appliance to safeguard;
8. CM-105EA1R and CM-105ERD, they are same except control panel; CM-105ERD which control panel is metal, CM-105EA1R which control panel is plastic;
9. CM-105EA is same as CM-105ERD, except for model name.

Amendment 13:

The original report 140900068HZH-001, dated 2014-10-17, Amendment 1 dated on 2015-04-03, Amendment 2 dated on 2015-07-28, Amendment 3 dated on 2016-01-11, Amendment 4 dated on 2016-04-11, Amendment 5 dated on 2016-06-03, Amendment 6 dated on 2016-07-14, Amendment 7 dated on 2017-03-31, Amendment 8 dated on 2017-06-06, Amendment 9 dated on 2017-12-11, Amendment 10 dated on 2019-08-02, Amendment 11 dated on 2019-09-04, Amendment 12 dated on 2020-05-11, was modified on 2021-04-22 to include the following changes and additions:

1. Added alternative Power plug, Power cord, X2 capacitor, Micro Switch for CM-202 and Thermal link.

After review, no test needs to be conducted, other clause which not mentioned in the report were referred to original test report.

Table concerned: Table 24.1

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

24.1	TABLE: Components					P
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity	
Power plug	Ningbo Haomengjie Electrical Appliance Co.,Ltd.	HMJ-03	250V~, 16A DIN 49441-R2	DIN VDE 0620-1	TUV*/R 50491229	
Power cord	Ningbo Haomengjie Electrical Appliance Co.,Ltd.	H03VV-F H05VV-F	3x0,75 mm ² with green/yellow conductor	DIN EN 50525-2- 11	TUV*/R 50478788	
Micro Switch for CM-202	Zhejiang Sunto Electronics CO., Ltd	ST-10	250V~, 10,1A, 25T125, μ , 5E4	EN 61058-1	TUV*/ R 50474320	
Thermal link for CM-101A CM-102A CM-111 CM-111A CM-112 CM-112A CM-101RD CM-102RD CM-202	ZhongShan Qilin Electronics Co.,LTD	QLF214	AC 250V, 10A or 16A, Tf216°C	EN 60691	TUV SUD*/ B1 17 09 90735 003	
-alternative	A.R. Electric Co., Ltd.	F01216C	AC 250V, 10A, Tf216°C	EN 60691	VDE*/ 40030329	
-alternative	A.R. Electric Co., Ltd.	F01216C	AC 250V, 10A or 16A, Tf216°C	EN 60691	TUV*/R 50415424	
Thermal link for CM-105A CM-105E CM-105EA CM-105EA1 CM-107A CM-107B CM-105RD CM-107RD CM-107BR CM-105ERD CM-105EA1R	ZhongShan Qilin Electronics Co.,LTD	QLF226	AC 250V, 10A or 16A, Tf229°C	EN 60691	TUV SUD*/ B1 17 09 90735 003	
-alternative	A.R. Electric Co., Ltd.	F01229C	AC 250V, 16A, Tf229°C	EN 60691	VDE*/ 40030329	
-alternative	A.R. Electric Co., Ltd.	F01229C	AC 250V, 10A or 16A, Tf229°C	EN 60691	TUV*/R 50415424	
X2 Capacitor for CM-101A CM- 102A CM-105A CM-107A CM- 107B	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275V~, X2, 0,47 μ F, 40/105/21	EN 60384-14	VDE*/ 40025702	

IEC 60335-2-15					
Clause	Requirement - Test			Result - Remark	Verdict
-alternative	Foshan Shunde Chuang Ge Electronic Industrial Co., Ltd.	MKP-X2	275V~, X2, 0,47µF, 40/105/21	EN 60384-14	VDE*/40008922
-alternative	Guangdong JURCC electronics Co., LTD.	MPX/MKP	275V~, X2, 0,47µF, 40/110/56	EN 60384-14	VDE*/40034920
X2 Capacitor for CM-101RD CM-102RD CM-105RD CM-107RD CM-107BR	Tenta Electric Industrial Co. Ltd.	MEX	275V~, X2, 0,47µF, 40/100/21	EN 60384-14	VDE*/119119
X2 Capacitor for CM-105E CM-105EA1 CM-107EA	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	275V~, X2, 0,1µF, 40/105/21	EN 60384-14	VDE*/40025702
-alternative	Foshan Shunde Chuang Ge Electronic Industrial Co., Ltd.	MKP-X2	275V~, X2, 0,1µF, 40/105/21	EN 60384-14	VDE*/40008922
-alternative	Guangdong JURCC electronics Co., LTD.	MPX/MKP	275V~, X2, 0,1µF, 40/110/56	EN 60384-14	VDE*/40034920
X2 Capacitor for CM-202	Tenta Electric Industrial Co. Ltd.	MEX	275V~, X2, 0,1µF, 40/100/21	EN 60384-14	VDE*/119119
-alternative	Guangdong JURCC electronics Co., LTD.	MPX/MKP	275V~, X2, 0,1µF, 40/110/56	EN 60384-14	VDE*/40034920
All above listed components are new added, others refer to CDF for detail.					