


<b>Test report no.:</b> <i>Prüfbericht-Nr.:</i>	<b>50230899 006</b>	<b>Order No.:</b> <i>Auftragsnr.:</i>	<b>180277145</b>	<b>Page 1 of 16</b> <i>Seite 1 von 16</i>
<b>Client reference no.:</b> <i>Kunden-Referenz-Nr.:</i>	N/A	<b>Order date:</b> <i>Auftragsdatum:</i>	2023-12-04	
<b>Client:</b> <i>Auftraggeber:</i>	Ningbo AAA Group Electric Appliance Co.,Ltd No.158 Kaifa Road (East), Zhouxian Town Cixi Zhejiang 315324 P.R. China			
<b>Test item:</b> <i>Prüfgegenstand:</i>	Espresso coffee-maker			
<b>Identification / Type no.:</b> <i>Bezeichnung / Typ-Nr.:</i>	3A-C279			
<b>Order content:</b> <i>Auftrags-Inhalt:</i>	Type test			
<b>Test specification</b> <i>Prüfgrundlage:</i>	EN 60335-1:2012 + AC:2014 + A11:2014 + A13:2017 + A1:2019 + A14:2019 + A2:2019+ A15:2021 EN 60335-2-15:2016+A11:2018+A12:2021+A1:2021+A2:2021 EN 62233:2008, AfPS GS 2019:01 PAK and EK1 527-12 Rev.2			
<b>Date of sample receipt:</b> <i>Wareneingangsdatum:</i>	2024-01-15			
<b>Test sample no:</b> <i>Prüfmuster-Nr.:</i>	A003642992-001			
<b>Testing period:</b> <i>Prüfzeitraum:</i>	2024-02-16 - 2024-02-28			
<b>Place of testing:</b> <i>Ort der Prüfung:</i>	TÜV Rheinland /CCIC (Ningbo) Co., Ltd.			
<b>Testing laboratory:</b> <i>Prüflaboratorium:</i>	TÜV Rheinland /CCIC (Ningbo) Co., Ltd.			
<b>Test result*:</b> <i>Prüfergebnis*:</i>	Pass			
<b>tested by:</b> <i>geprüft von:</i> William Gui	<b>authorized by:</b> <i>genehmigt von:</i> Liwei Lang			
<b>Date:</b> 2024-03-18 <i>Datum:</i>	<b>Issue date:</b> 2024-03-18 <i>Ausstellungsdatum:</i>			
<b>Position / Stellung:</b>	TUV PE	<b>Position / Stellung:</b>	Authorizer	
<b>Other:</b> <i>Sonstiges:</i>	Standard update Attachment 1: Construction check test report (total 4 pages)			
<b>Condition of the test item at delivery:</b> <i>Zustand des Prüfgegenstandes bei Anlieferung:</i>	Test item complete and undamaged Prüfmuster vollständig und unbeschädigt			
<small>* Legend: P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested * Legende: P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet</small>				
<b>This test report only relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</b> <i>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</i>				

V05

Test report no.: 50230899 006  
Prüfbericht-Nr.:

Page 2 of 16  
Seite 2 von 16

**Remarks**  
*Anmerkungen*

- |   |   |
|---|---|
| 1 | <p>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</p> <p><i>Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben.</i></p> <p><i>Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden.</i></p>  |
| 2 | <p>As contractually agreed, this document has been signed digitally only. TÜV Rheinland has not verified and unable to verify which legal or other pertaining requirements are applicable for this document. Such verification is within the responsibility of the user of this document. Upon request by its client, TÜV Rheinland can confirm the validity of the digital signature by a separate document. Such request shall be addressed to our Sales department. An environmental fee for such additional service will be charged.</p> <p><i>Wie vertraglich vereinbart, wurde dieses Dokument nur digital unterzeichnet. Der TÜV Rheinland hat nicht überprüft, welche rechtlichen oder sonstigen diesbezüglichen Anforderungen für dieses Dokument gelten. Diese Überprüfung liegt in der Verantwortung des Benutzers dieses Dokuments. Auf Verlangen des Kunden kann der TÜV Rheinland die Gültigkeit der digitalen Signatur durch ein gesondertes Dokument bestätigen. Diese Anfrage ist an unseren Vertrieb zu richten. Eine Umweltgebühr für einen solchen zusätzlichen Service wird erhoben.</i></p>   |
| 3 | <p>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report. Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</p> <p><i>Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt.</i></p>   |
| 4 | <p>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</p> <p><i>Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezueglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019.</i></p> |

<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>	See cover page
<b>Date of issue .....</b>	See cover page
<b>Total number of pages.....</b>	See cover page
<b>Name of Testing Laboratory preparing the Report.....</b>	TÜV Rheinland /CCIC (Ningbo) Co., Ltd.
<b>Applicant's name .....</b>	Ningbo AAA Group Electric Appliance Co.,Ltd
<b>Address .....</b>	No.158 Kaifa Road (East), Zhouxiang Town Cixi 315324 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
<b>Test procedure .....</b>	GS and CE LVD
<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>	Espresso coffee-maker	
<b>Trade Mark..... :</b>	AAA	
<b>Manufacturer .....</b>	Same as applicant	
<b>Model/Type reference..... :</b>	3A-C279	
<b>Ratings..... :</b>	AC 220-240V, 50/60Hz, 1200W, Class I	
<b>Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):</b>		
<input checked="" type="checkbox"/>	<b>Testing Laboratory:</b>	TÜV Rheinland /CCIC (Ningbo) Co., Ltd.
<b>Testing location/ address .....</b>		3F Building C13, R&D Park, No.32 , Lane 299 Guanghai Road, National Hi-Tech Zone, Ningbo, 315048, P. R. China
<b>Tested by (name, function, signature)..... :</b>		See cover page
<b>Approved by (name, function, signature) .. :</b>		See cover page
<b>Testing procedure: CTF Stage 1:</b>		
<b>Testing location/ address .....</b>		
<b>Tested by (name, function, signature)..... :</b>		
<b>Approved by (name, function, signature) .. :</b>		
<b>Testing procedure: CTF Stage 2:</b>		
<b>Testing location/ address .....</b>		
<b>Tested by (name, function, signature)..... :</b>		
<b>Witnessed by (name, function, signature) .. :</b>		
<b>Approved by (name, function, signature) .. :</b>		
<b>Testing procedure: CTF Stage 3:</b>		
<b>Testing procedure: CTF Stage 4:</b>		
<b>Testing location/ address .....</b>		
<b>Tested by (name, function, signature)..... :</b>		
<b>Witnessed by (name, function, signature) .. :</b>		
<b>Approved by (name, function, signature) .. :</b>		
<b>Supervised by (name, function, signature) :</b>		

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

See cover page

**Summary of testing:**

Foreseeable use was considered. Currently neither a safeguard clause procedure has been invoked nor is an increase in accidents known for this/these product(s).

Harmonised standards EN 62233:2008 was considered to evaluate the exposure of human to electromagnetic fields during the GS-mark awarding.

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

Visual construction check was conducted on model 3A-C279, no change was identified.

**Testing location:**

TÜV Rheinland /CCIC (Ningbo) Co., Ltd.  
3F Building C13, R&D Park, No.32 , Lane 299  
Guanghua Road, National Hi-Tech Zone, Ningbo,  
315048, P. R. China



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

EU Group Differences

☒ **The product fulfils the requirements of EN 60335-1:2012+A11+A13+A1+A14+A2+A15, EN 60335-2-15:2016+A11+A12+A1+A2, EN 62233:2008, AfPS GS 2019:01 PAK and EK1 527-12 Rev.2**

**Copy of marking plate:****MODEL NO.: 3A-C279****AC220-240V 50/60Hz 1200W**Ningbo AAA Group Electric Appliance Co.,  
LtdNO.158 ,kaifa Road(East), Zhouxiang Town,  
cixi city, 315324 Zhejiang P.R.China

Manufacture or/and his importer shall ensure product bears label requirements in article 6 and article 8 of the 2014/35/EU relate to name, batch number, post address prior place the product into EU market.

<b>Test item particulars:</b> <b>Classification of installation and use</b> ..... : <b>Portable appliance</b> <b>Supply Connection</b> ..... : <b>Fixed power cord</b> ..... :	
<b>Possible test case verdicts:</b> - 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)	
<b>Testing:</b> <b>Date of receipt of test item</b> ..... : See cover page <b>Date (s) of performance of tests</b> ..... : See cover page	
<b>General remarks:</b> "(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report. <b>Throughout this report a <input checked="" type="checkbox"/> comma / <input type="checkbox"/> point is used as the decimal separator.</b>	
<b>Manufacturer's Declaration per Sub-clause 4.2.5 of IEC 60335-1:</b>	
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"/> <b>Yes</b> <input checked="" type="checkbox"/> <b>Not applicable</b>
<b>When differences exist; they shall be identified in the General product information section.</b>	
<b>Name and address of factory (ies)</b> ..... : Same as applicant  	
<b>General product information:</b> This appliance is intended to be used in household and similar applications. The product is espresso coffee makers which intend to be use with special coffee capsule only. The product has power management system incorporated, if there is no operation for the product for a period of 10 minutes in active model, the PCB will shut off the heating element and pump, The product will be in off model automatically. When pressing the power switch, the product will be in active mode again. <b>Amendment 001 test report</b> <b>As client's requirement, The symbol of hot water function change from  to .</b> <b>Amendment 002 test report</b> As client's requirement, Add alternative power plug and cord, which bold type in table 24.1, and CDF revised <b>Amendment 003 test report</b> As client's requirement, Add alternative power plug and cord, which bold type in table 24.1, and CDF	



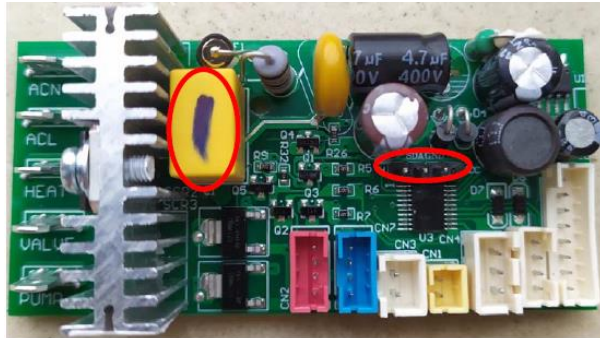
revised

**Amendment 004 test report**

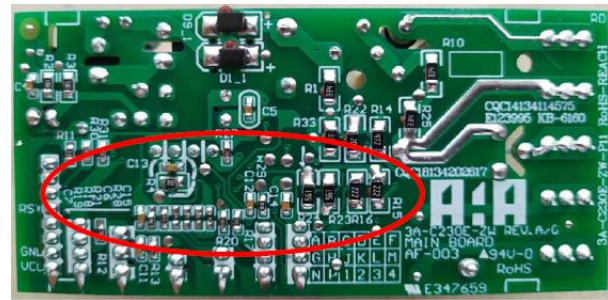
1. Standard update from EN 60335-1:2012 +A11+A13, EN 60335-2-15:2016, EN 62233:2008, AfPS GS 2014:01 Par.3.1. to from EN 60335-1:2012 +A11+A13+A1+A14+A2, EN 60335-2-15:2016+A11, EN 62233:2008, AfPS GS 2019:01 PAK.
2. Add alternative components which were bold type in table 24.1.
3. Add alternative new Power PCB, which is similar as original one except some components.

**New Power PCB**

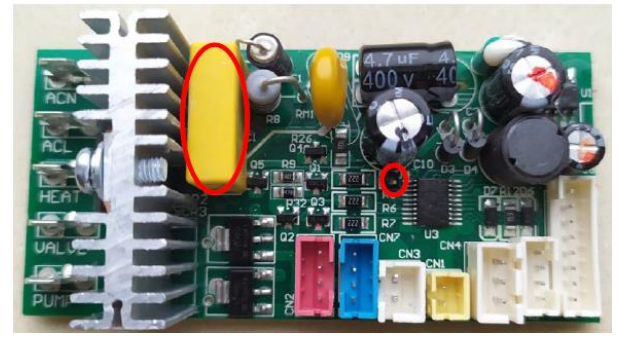
Component view



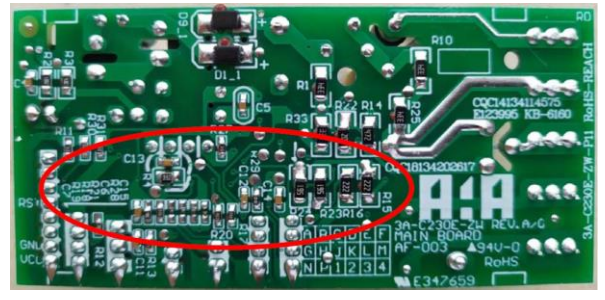
Solder view

**Original Power PCB**

Component view



Solder view



The red circuits are different parts. Model of U3 in new PCB is ZW(AiP8F1016).

**Amendment 005 test report**

Standard update, relative standard update from EN 60335-1:2012 +A11+A13+A1+A14+A2, EN 60335-2-15:2016+A11 to EN 60335-1:2012 +A11+A13+A1+A14+A2+A15, EN 60335-2-15:2016+A11+A12+A1+A2. This test report is only valid together with report 50230899 001-005.



24.1	TABLE: Components information refer to CDF					P
Object/part No.	Manufacturer/ trademark	Type/model	Technical data	Standard	Mark(s) of conformity1)	

**Supplementary information:**  
1) Provided evidence ensures the agreed level of compliance. See OD-CB2039.

Difference report of EN 60335-1:2012/A15:2021			
Clause	Requirement + Test	Result - Remark	Verdict
20.2	Replace “dangerous” with “hazardous” (twice).		N/A
22.44	An appliance is child-appealing if one of the following criteria is present		N/A
	— appliance decorated using faces, cartoon like characters, or similar images;		N/A
	— appliance using shapes representing animals, characters, persons or scale models.		N/A
	An appliance is child-appealing if more than one of the following criteria are present:		N/A
	— using non-functional light (functional light is e.g. illumination of an object or area, signal indicating status of an appliance);		N/A
	— using non-functional sound (e.g. music);		N/A
	— using non-functional movement.		N/A
	If the appliance is child-appealing, has a mass less than 4 kg or is mounted or normally intended for use at a height less than 850 mm, the following conditions shall be met:		N/A
	— No surface (both <b>functional surfaces</b> and non-functional) that are accessible by means of test probe 19 of IEC 61032 located at a height less than 850 mm shall exceed the temperature rises stated below:		N/A
	Temperature rise		N/A
	– of bare metal 38K		N/A
	– of coated metal 42K		N/A
	– of glass and ceramic 51K		N/A
	– of plastic having a thickness exceeding 0,4 mm 58K		N/A
	— Hazardous <b>moving parts</b> shall not be accessible by means of test probe 19 of IEC 61032 under the conditions specified for test probe 18 in Clause 20.2.		N/A

Difference report of EN 60335-1:2012/A15:2021			
Clause	Requirement + Test	Result - Remark	Verdict
	— <b>Live parts</b> shall not be accessible by means of test probe 19 of IEC 61032 under the conditions specified for test probe 18 in Clause 8.1.1.		N/A
	— Liquid in the appliance shall not exceed 38 °C in normal use when it is accessible by means of test probe 19 under the conditions specified for test probe 18 in Clause 20.2 or can get out of the appliance when positioned in different positions.		N/A
	Vessels in which two independent and sequential actions are needed to access the liquid are considered to meet the requirement.		N/A
	— The requirement of 22.12 is applicable for all accessible parts of the appliance.		N/A
	The requirement is not applicable to appliances where there is a toy shaped like the appliance.		N/A
	Compliance is checked by inspection and appropriate tests.		N/A
24.1.7	If the remote operation of the appliance is via a telecommunication network, the relevant standard for the telecommunication interface circuitry in the appliance is IEC 62151.		N/A

<b>A</b>	ANNEX ZA (NORMATIVE) SPECIAL NATIONAL CONDITIONS (EN)		P
	Modify the reference for Clause 25.8 by adding Cyprus to the countries listed		P
	Annex ZB A-deviations		P
	Delete the second paragraph, including the note, starting with: "This European Standard/Harmonization Document ...."		P
<b>1.</b>	<b>1.2 ANNEX ZC (NORMATIVE) NORMATIVE REFERENCES TO INTERNATIONAL PUBLICATIONS WITH THEIR CORRESPONDING EUROPEAN PUBLICATIONS</b>		P
	The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.		P

Difference report of EN 60335-1:2012/A15:2021			
Clause	Requirement + Test	Result - Remark	Verdict
ZF	ANNEX ZF (INFORMATIVE) CRITERIA APPLIED FOR THE ALLOCATION OF PRODUCTS COVERED BY STANDARDS IN THE EN 60335 SERIES UNDER LVD OR MD		P
	Modify the elements of the Table ZF.1	LVD	P
ZH	ANNEX ZH (INFORMATIVE) <b>Common plug and socket-outlet types in CENELEC countries</b>		P
	<b>ZH.1 General</b>		P
	NOTE: The dimensions of the plugs are purely for information. The exact dimensions of the plugs can be found in the relevant national standards.		P
	<b>ZH.3.2 Cyprus</b>		N/A
	Only plugs according to standard sheets GB1, GB6 and GB7 of IEC/TR 60083 are allowed.		N/A
	They correspond with plug designations: EU9, EU6 and EU10.		N/A
	<b>ZH.3.4 Finland</b>		N/A
	Plugs according to Publications SFS 5610 and SFS-EN 50075 are allowed.		N/A
	Plugs according to Publications SFS 5215 and SFS-EN 60309 are allowed.		N/A
	<b>ZH.3.9 Netherlands</b>		N/A
	Only plugs according to NEN 1020:2019 are allowed, standard sheets:		N/A
	— IV or IVa 16 A 250 V class I plug (L+N+PE) with side earthing [ = TR IEC 60083 - NL 2 / <b>EU2</b> ]		N/A
	— VII or VIIa 16 A 250 V class I plug (L+N+PE) with dual (side and pin) earthing [ = TR IEC 60083 - NL 2 / <b>EU4</b> ]		N/A
	— XVI 2,5 A 250 V class II plug (L+N): [ = TR IEC 60083 - NL 3 / <b>EU5</b> ]		N/A
	— XVII or XVIIa 16 A 250 V class II plug (L+N) [ = TR IEC 60083 - NL 4 / <b>EU7</b> ]		N/A
	— IX (Perilex) 16 A 400/230 V class I plug (L1+L2+L3+N+PE) [ = <b>EU8</b> ]		N/A
	Or plug according EN 50075 is allowed, standard sheet:		N/A
	— 1 2,5 A 250 V class II plug (L+N) [ = TR IEC 60083 - NL 5 / <b>EU6</b> ]		N/A
	These plugs are shown in IEC/TR 60083 as NL2, NL3, NL4, NL5 and DE4.		N/A

Difference report of EN 60335-1:2012/A15:2021			
Clause	Requirement + Test	Result - Remark	Verdict
	They correspond with plug designations: EU 2, EU4, EU5, EU6, EU7 and EU8.		N/A
	<b>ZH.3.14 Switzerland</b>		P
	Supply cords of portable household and similar electrical appliances having a rated current not exceeding 16 A shall be provided with a plug complying with SN 441011-1:2019. The Table A is applicable for Plug with IP20 and Table B is applicable for plug with IP55:		P

Deviation from EN 60335-2-15: 2016+A11 to EN 60335-2-15:2016+A11+A12+A1+A2			
Clause	Requirement + Test	Result - Remark	Verdict
7.12	addition:		P
	The instructions for coffee-makers other than <b>built-in coffee-makers</b> or those tested in a cabinet, shall state that the coffee-maker shall not be placed in a cabinet when in use.		N/A
	For coffee-makers having an additional <b>decorative door</b> , and for coffee-makers intended to be used in a cabinet, the instructions shall state that the coffee-maker must be operated with the <b>decorative door</b> open or the cabinet door open.		N/A
	The instructions for coffee-makers having surfaces of glass, ceramic or similar material that forms part of the enclosure of <b>live parts</b> shall include the substance of the following:		N/A
	WARNING: Do not use the appliance if the surface is cracked.		N/A
	The instructions for coffee-makers shall state that cleaning and <b>user maintenance</b> shall not be made by children without supervision.		P
	The instructions for <b>feeding-bottle heaters</b> that do not switch off automatically shall additionally include an instruction to switch off the <b>feeding-bottle heater</b> after use.		N/A
7.12.4	For coffee-makers suitable for operation when placed in a cabinet, the minimum dimensions of the cabinet shall be given.		N/A
10.1	Addition:		N/A

Deviation from EN 60335-2-15: 2016+A11 to EN 60335-2-15:2016+A11+A12+A1+A2			
Clause	Requirement + Test	Result - Remark	Verdict
	The power input of automatic coffee-makers is measured during one operating cycle that is selectable by the user, such as cleaning, descaling, or selecting a beverage. The measurement starts with the appliance at room ambient temperature.		N/A
	The operating cycle starts with the activation by the user and ends when the appliance stops the cycle automatically and the next operating cycle can be started by the user.		N/A
10.2	Addition:		N/A
	The input current of automatic coffee-makers is measured during one operating cycle that is selectable by the user, such as cleaning, descaling, or selecting a beverage. The measurement starts with the appliance at room ambient temperature.		N/A
	The operating cycle starts with the activation by the user and ends when the appliance stops the cycle automatically and the next operating cycle can be started by the user.		N/A
11.2	Coffee-makers with a decorative door or intended to be used in a cabinet shall be tested with the door open.		N/A
11.4	Appliances with electronic power controls are operated as combined appliances.		P
11.7.104	Replace the first paragraph by the following:		P
	For espresso coffee-makers, the brewing period is followed by a rest period of 1 min or the period stated in the instructions, if this is longer. The water container is refilled during the rest periods.		P
	Add to the 4 <sup>th</sup> paragraph the following dashed item:		N/A
	for espresso coffee-makers having an outlet for supplying steam and an outlet for supplying hot water, 1 min period supplying steam is followed by time necessary to produce 100 ml of water.		N/A
15.2	Add the following text to the addition:		P
	Coffee-makers dispensing liquid into a serving container, such as a cup or jug, are tested by steadily pouring 0,5 l of the solution over the surface where the container is filled or the container is transported and removed by the user. If a drop container is placed beneath this surface, the drop container is completely filled before the test is carried out.		N/A

Deviation from EN 60335-2-15: 2016+A11 to EN 60335-2-15:2016+A11+A12+A1+A2			
Clause	Requirement + Test	Result - Remark	Verdict
	Coffee-makers having external surfaces on which it is possible to place a vessel, such as a cup or jug, are tested by pouring 0,2 l of the solution over the complete depositing area in approximately 5 s.		N/A
	For coffee makers, after each overfilling test or application of liquid, all residues are then removed and the appliance is dried.		P
19.1	Add the following to the addition:		P
	For coffee makers, after each overfilling test or application of liquid, all residues are then removed and the appliance is dried.		P
	For appliances with an external surface providing a keep warm function, the test of 19.106 applies.		N/A
	For coffee-makers having a <b>decorative door</b> , the test of 19.107 applies.		N/A
	For automatic coffee-makers of the coffee bean type, the tests of 19.108 applies.		N/A
19.101	Replace the last paragraph by the following:		N/A
	After the test, and when the insulation has cooled down to approximately room temperature, <b>live parts</b> shall not be accessible and the kettle shall pass the dielectric strength test in 16.3 with the test voltage specified in Table 4.		N/A
	The humidity treatment of 15.3 is not applied before the electric strength test is carried out.		N/A
	The kettle is filled to its <b>rated capacity</b> with water for 24 h before the electric strength test is carried out. Other requirements of 19.13 are not applicable.		N/A
19.102	Add the following sentence to the start of the first paragraph:		N/A
	Kettles are placed on a plywood board having a thickness of approximately 20 mm.		N/A
19.106	The appliance is operated at <b>rated power input</b> with the heated surface completely covered with two layers of textile material of pre-washed double-hemmed cotton sheets until steady conditions are established.		N/A
	The textile material consists of pre-washed double-hemmed cotton sheet having dimensions approximately 700 mm × 700 mm and specific mass between 140 g/m <sup>2</sup> and 175 g/m <sup>2</sup> in the dry condition.		N/A
	If a <b>thermostat</b> operates, the test is repeated with the one-third of the heated surface furthest from the temperature-sensing element covered.		N/A



Deviation from EN 60335-2-15: 2016+A11 to EN 60335-2-15:2016+A11+A12+A1+A2			
Clause	Requirement + Test	Result - Remark	Verdict
	The textile material shall not ignite.		N/A
19.107	Coffee-makers with a <b>decorative door</b> or intended to be used in a cabinet are operated under the conditions specified in Clause 11 but with the <b>decorative door</b> or cabinet door closed.		N/A
19.108	Automatic coffee-makers of the coffee bean type, other than automatic <b>espresso coffee-makers</b> of the coffee bean type, are supplied at <b>rated voltage</b> and operated under <b>normal operation</b> five times with rest periods.		N/A
	Automatic <b>espresso coffee-makers</b> of the coffee bean type are supplied at <b>rated voltage</b> and are set to maximum quantity of coffee powder, with smallest amount of coffee in the cup according to the instructions without rest periods.		N/A
	The duration of the operating period is		N/A
	- for appliances incorporating a timer, the longest period allowed by the timer;		N/A
	- for other appliances, as follows: for automatic coffee-makers incorporating coffee mills of the grinding type, 30 s longer than the time needed to fill the collecting container or the time required to empty the hopper, whichever is shorter; for automatic coffee-makers incorporating other coffee mills, 1 min.		N/A
	The duration of the rest period for is		N/A
	- 10 s, for appliances provided with a collecting container;		N/A
	- 60 s, for other appliances.		N/A
	The temperature of the windings shall not exceed the values shown in Table 8.		N/A
22.7	In the first sentence of the first paragraph of the addition, replace "any valve for the supply of steam" by "outlet".		P
	Replace fourth paragraph of the addition by the following:		P
	The appliance shall not rupture and there shall be no leakage other than through a self-resetting <b>pressure-relief device</b> or <b>intentionally weak part</b> . If a self-resetting <b>pressure relief device</b> operates, the appliance shall be suitable for further use.		P
	Replace the 7 <sup>th</sup> and 8 <sup>th</sup> paragraphs by the following:		P

Deviation from EN 60335-2-15: 2016+A11 to EN 60335-2-15:2016+A11+A12+A1+A2			
Clause	Requirement + Test	Result - Remark	Verdict
	All pressure regulating devices and all <b>protective devices</b> and <b>intentionally weak parts</b> are rendered inoperative and the lid is closed.		P
	For pressure cookers, other than <b>dynamic pressure cookers</b> , the pressure is gradually increased hydraulically to two times the operating pressure of the <b>protective device</b> during the test of 19.4.		N/A
	For <b>dynamic pressure cookers</b> , the pressure is gradually increased hydraulically to 50 kPa in excess of the operating pressure of the <b>protective device</b> or <b>intentionally weak part</b> during the test of 19.4.		N/A
22.110	Replace the requirement by the following:		N/A
	<b>Feeding-bottle heaters</b> with a control to set a pre-determined temperature or time shall emit a visible or audible signal to indicate that the pre-determined temperature or time has been reached.		N/A
22.115	Coffee-makers shall be constructed so that it is not possible to rotate the frothing nozzle or hot water nozzle through an angle of more than 45° upwards from the downwards facing vertical position.		N/A
	Compliance is checked by inspection and by manual test.		N/A
24.101	addition:		N/A
	If appliances, other than		N/A
	– fixed water boilers incorporating self-resetting thermal cut-outs that have been subjected to 10 000 cycles of operation, and		N/A
	- kettles		N/A
	incorporate self-resetting thermal cut-outs, these shall be short-circuited or rendered inoperative for the test of 19.4.		N/A

END OF TEST REPORT

Prüfbericht-Nr.: Attachment 1 of 50230899 006

Seite 1 von 4

Test report no.:

Page 1 of 4

Absatz Clause	Anforderungen - Prüfungen Requirements – Tests 2 PfG 2516:2014-11	Messergebnisse – Bemerkungen Measuring results - Remarks	Ergebnis Result
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0	<p>Anwendungsbereich/Scope</p> <p>Anwendbar für die Feststellung der Baugleichheit von Produkten im Rahmen der TÜV Rheinland LGA Products GmbH Zertifizierungsschema zur Vergabe des GS Zeichen und privater Zeichen.</p> <p>Feststellung der Baugleichheit von Mustern an Hand der Dokumentation bereits geprüfter und zugelassener Produkte, inklusive physischer Prüfung der Konstruktion und geeigneter Prüfungen der anwendbaren Produktnorm. /</p> <p><i>Applicable for the determination of type conformity based on the TÜV Rheinland LGA Products GmbH certification scheme granting GS marks and private marks. Construction verification of samples against documentation of previously approved samples, including physical construction check and suitable type approval requirements of the product standard.</i></p>		
1	<p><b>Produkt</b></p> <p><b>Product</b></p>		
	Zertifikatsnummer <i>Certificate number</i>	S 50433626 0001-0002	-/-
	Produkt <i>Product</i>	Espresso coffee-maker	-/-
	Produziert am <i>Manufactured at</i>	Ningbo AAA Group Electric Appliance Co.,ltd	-/-
	Fertigungsstättennummer <i>Factory number</i>	2158103	-/-
	Äußere Erscheinung des Musters stimmt mit der Fotodokumentation überein. <i>Outer appearance of the drawn sample is same as in photo documentation.</i>		P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>
	Interner Aufbau stimmt mit der Fotodokumentation überein. <i>Internal construction of the drawn sample is same as in photo documentation.</i>		P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>
	Es wurden nur sicherheitsrelevanten Komponenten verbaut, die im CDF oder Prüfbericht benannt sind. <i>Only safety relevant components as described in CDF or Test Report have been used in the drawn sample.</i>		P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>
2	<p><b>Typenschild</b></p> <p><b>Label</b></p>		
	Das Typenschild entspricht dem zertifizierten Typenschild. <i>The label is same as the certified label.</i>	Same as certified one except model name and importer.	P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>
	Der Ausweisinhaber, Importeur oder Bevollmächtigte ist auf dem Typenschild benannt. <i>The license holder, importer or authorized representative is displayed in the label.</i>		P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>

Prüfbericht-Nr.: Attachment 1 of 50230899 006

Seite 2 von 4

Test report no.:

Page 2 of 4

Absatz Clause	Anforderungen - Prüfungen Requirements – Tests 2 P f G 2516:2014-11	Messergebnisse – Bemerkungen Measuring results - Remarks	Ergebnis Result
	Die Adresse (bei GS zwingend eine aus dem EWR) ist auf dem Typenschild benannt. <i>Complete postal address (for GS it must be a European address) is mentioned in the label.</i>		P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>
	Bei Fail: in Bedienungsanleitung angegeben <i>If fail: in the user manual</i>		P <input type="checkbox"/> F <input type="checkbox"/> N/A <input checked="" type="checkbox"/> N/T <input type="checkbox"/>
	Bei Fail: auf der Verpackung angegeben <i>if fail: on packaging</i>		P <input type="checkbox"/> F <input type="checkbox"/> N/A <input checked="" type="checkbox"/> N/T <input type="checkbox"/>
	Wenn eine CE Markierung notwendig ist, wurde diese auf dem Typenschild in dem richtigen Layout abgebildet. <i>If CE marking is mandatory, it's on the product and complies with the design restrictions.</i>	CE mark is mandatory and placed on product. Design checked.	P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>
	Wenn ein TÜV Rheinland Zeichen abgebildet ist, entspricht dies den Vorgaben. <i>In event a TUV Mark is displayed it complies with the design restrictions.</i>	TR test mark with keyword safety on product. Design checked.	P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>
<b>3</b>	<b>Bedienungs-, Installations-, Aufbauanleitung</b> <b>User Manual, Installation - / Assembly Manual</b>		
	Liegt in der richtigen Sprache vor, bei GS zwingend in deutscher Sprache, und entspricht dem zertifizierten. <i>Is available in the correct language (German version a must for GS) and the same as certified one.</i>	Same as certified one except model name and importer.	P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>
	Wenn ein TÜV Rheinland Zeichen abgebildet ist, entspricht dies den Vorgaben. <i>In event a TUV Mark is displayed it complies with the design restrictions.</i>		P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>
	Wenn eine Herstelleradresse angegeben ist, wurde diese komplett (bei GS zwingend eine Adresse im EWR) angegeben und stimmt mit der vom Typenschild überein. <i>If the license holder and/or importer, authorized representative is displayed with address, it's complete (for GS it must be a European address) and correlates with the information on the rating label.</i>		P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>
	Wenn die Serviceadresse von der vom Hersteller, Importeur oder Bevollmächtigten abweicht, ist das akzeptabel. <i>If the address for service inquiries differs from manufacturer's, importer's or authorized representative's, it's acceptable.</i>		-/-

**Prüfbericht-Nr.: Attachment 1 of 50230899 006**  
Test report no.:


Seite 3 von 4  
Page 3 of 4

Absatz Clause	Anforderungen - Prüfungen Requirements – Tests 2 PfG 2516:2014-11	Messergebnisse – Bemerkungen Measuring results - Remarks	Ergebnis Result
4	<b>Verpackung</b> <b>Packaging/Gift box</b>		
	Wenn ein TÜV Rheinland Zeichen abgebildet ist, entspricht dies den Vorgaben. <i>In event a TUV Mark is displayed it complies with the design restrictions.</i>	Packaging not provided	P <input type="checkbox"/> F <input type="checkbox"/> N/A <input checked="" type="checkbox"/> N/T <input type="checkbox"/>
	Der Ausweisinhaber, Importeur und/oder Bevollmächtigte ist mit auf der Verpackung benannt. <i>The license holder, importer and/or authorized representative are displayed with complete address on the packaging.</i>		P <input type="checkbox"/> F <input type="checkbox"/> N/A <input checked="" type="checkbox"/> N/T <input type="checkbox"/>
	Auf der Verpackung wird das Produkt nicht anders beworben als es die Zertifizierung beschreibt. Z.B. Kinder werden mit der Verpackung explizit angesprochen und aus dem Zertifikat geht hervor, dass es kein Spielzeug ist. <i>Packaging does not imply another use as certified. E.g. the package explicitly addresses but the certificate excludes use by children.</i>		P <input type="checkbox"/> F <input type="checkbox"/> N/A <input checked="" type="checkbox"/> N/T <input type="checkbox"/>

<b>Prüfbericht-Nr.: Attachment 1 of 50230899 006</b> <i>Test report no.:</i>			Seite 4 von 4 Page 4 of 4
Absatz Clause	Anforderungen - Prüfungen Requirements – Tests 2 P f G 2516:2014-11	Messergebnisse – Bemerkungen Measuring results - Remarks	Ergebnis Result

Folgend werden die Anforderungen und deren Ergebnis genannt, die als Nachweis für die Produktverifizierung die in der Checkliste benannten Punkte dienen.

*Following the requirements and the result, which serve as evidences during product verification checklist:*

- End of Report-