

Prüfbericht-Nr.: Test Report No.:	50091469 006	Auftrags-Nr.: Order No.:	1160050340	Seite 1 von 8 Page 1 of 8
Kunden-Referenz-Nr.: Client Reference No.:	N/A	Auftragsdatum: Order date:	10.09.2018	
Auftraggeber: Client:	NINGBO BAKELON ELECTRICAL APPLIANCE CO., LTD.			
Prüfgegenstand: Test item:	Contact grill			
Bezeichnung / Typ-Nr.: Identification / Type No.:	ZM-708B			
Auftrags-Inhalt: Order content:	Type Test			
Prüfgrundlage: Test specification:	EN 60335-1:2012+A11 EN 60335-2-9: 2003+A1+A2+A12+A13 EN 62233: 2008 AfPS GS 2014:01 Par. 3.1			
Wareneingangsdatum: Date of receipt:	20.09.2018			
Prüfmuster-Nr.: Test sample No.:	A000811297			
Prüfzeitraum: Testing period:	26.09.2018 – 26.09.2018			
Ort der Prüfung: Place of testing:	TÜV Rheinland /CCIC (Ningbo) Co., Ltd.			
Prüflaboratorium: Testing laboratory:	TÜV Rheinland /CCIC (Ningbo) Co., Ltd.			
Prüfergebnis*: Test result*:	Pass			
geprüft von / tested by:		kontrolliert von / reviewed by:		
2018.09.28 Wanda Xuan/PE  Datum Name / Stellung Unterschrift Date Name / Position Signature		2018.09.29 Weimin Zhang/TC  Datum Name / Stellung Unterschrift Date Name / Position Signature		
Sonstiges / Other:				
Add alternative components listed in table 24.1 Changed shape of working surface. Add insulation cotton in upper appliance part. Attachment 1: Test equipment list (1 page)				
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:		Prüfmuster vollständig und unbeschädigt Test item complete and undamaged		
* Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(fail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specification(s) F(fail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested				
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>This test report only relates to the a. m. 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.</i>				

v04

TEST REPORT IEC 60335-2-9 Safety of household and similar electrical appliances Part 2: Particular requirements for grills, toasters and similar cooking appliances	
Report Number :	See cover page
Date of issue :	See cover page
Total number of pages	See cover page
Name of Testing Laboratory preparing the Report	TÜV Rheinland /CCIC (Ningbo) Co., Ltd.
Applicant's name	NINGBO BAKELON ELECTRICAL APPLIANCE CO., LTD.
Address :	NO. 88 XIANTAN ROAD, LANGXIA VILLAGE, LANGXIA STREET YUYAO CITY, ZHEJIANG 315480 P. R. China
Test specification:	
Standard	IEC 60335-2-9:2002 (Fifth edition) + A1:2004 + A2:2006 in conjunction with IEC 60335-1:2010 (Fifth Edition)
Test procedure	GS and CE-LVD
Non-standard test method	N/A
Test Report Form No.	IEC60335_2_9K
Test Report Form(s) Originator :	LCIE
Master TRF	Dated 2014-08
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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:	
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Test item description	Contact grill	
Trade Mark	N/A	
Manufacturer	NINGBO BAKELON ELECTRICAL APPLIANCE CO., LTD. NO. 88 XIANTAN ROAD, LANGXIA VILLAGE, LANGXIA STREET YUYAO CITY, ZHEJIANG 315480 P. R. China	
Model/Type reference	ZM-708B	
Ratings	AC 220-240V,50/60Hz,1500W,Class I	
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
<input checked="" type="checkbox"/> Testing Laboratory:	TÜV Rheinland /CCIC (Ningbo) Co., Ltd.	
Testing location/ address	3F,Building C13, R&D Park, No.32 Lane 299 Guanghua Road, National Hi-Tech Zone, Ningbo 315048 China	
<input type="checkbox"/> Associated Testing Laboratory:		
Testing location/ address		
Tested by (name, function, signature)	See cover page	
Approved by (name, function, signature) ..	See cover page	
<input type="checkbox"/> Testing procedure: TMP/CTF Stage 1:		
Testing location/ address		
Tested by (name, function, signature)		
Approved by (name, function, signature) ..		
<input type="checkbox"/> Testing procedure: WMT/CTF Stage 2:		
Testing location/ address		
Tested by (name + signature)		
Witnessed by (name, function, signature) . :		
Approved by (name, function, signature) .. :		
<input type="checkbox"/> Testing procedure: SMT/CTF Stage 3 or 4:		
Testing location/ address		
Tested by (name, function, signature)		
Witnessed by (name, function, signature) . :		
Approved by (name, function, signature) .. :		
Supervised by (name, function, signature) :		

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

See cover page

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

11,Z102 performed and passed
 EK1AG2 rev.10 was considered
 Reasonable foreseeable use is covered by the standard and related EK decision applied.

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 China

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

DE(DE=Germany)

EUROPEAN GROUP DIFFERENCES

The product fulfils the requirements of EN 60335-1:2012+A11 EN 60335-2-9:2003+A1+A2+A12+A13, EN 62233:2008, AfPS GS 2014:01 Par. 3.1

Copy of marking plate

Refer to test report 50091469 001-005

Test item particulars	
Classification of installation and use : Portable appliance	
Supply Connection : Supply cord fitted with a plug (Type Y attachment) :	
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 : See cover page	
Date (s) of performance of tests : See cover page	
General remarks:	
"(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report.	
Throughout this report a <input checked="" type="checkbox"/> comma / <input type="checkbox"/> point is used as the decimal separator.	
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:

Contact grill is intended for household and indoor use only. All models are fitted with a thermostat and thermal link


Difference between all models refer to below table:

Model name	Appearance	Thermostat	Metal cover	Open position
ZM-708		fixed	No	One
ZM-708B		Adjustable	Yes	One
ZM-709B		Adjustable	Yes	Two
ZM-800B		Adjustable	Yes	Two
ZM-801B		Adjustable	Yes	Two
ZM-902B		Adjustable	Yes	Two

Amendment 1:
Issue Co-license

Amendment 2:
Construction of ZM-902B was changed, details see photo documentation

Amendment 3:
1. Add new model ZM-800.
2. ZM-800 was same as ZM-800B except for appearance.

Model name	Appearance	Thermostat	Metal cover	Open position
ZM-800		Adjustable	Yes	Two

Amendment 4:
1. Add alternative components listed in table 24.1
2. Remove the insulation cotton in lower base of ZM-902B
3. remove the external sleeve for terminal of heating element of ZM-902B, this construction return to original in 50091469 001

Amendment 5:

- 1.Add alternative thermostat listed in table 24.1
 - 2.Changed shape of working surface.
 - 3.Add insulation cotton in upper appliance part.
- Details see photo documentation.

IEC 60335-2-9			
Clause	Requirement + Test	Result - Remark	Verdict
11	HEATING		P
11.Z102	For contact grills, waffle irons, sandwich makers, radiant grills, raclette grills and griddles, barbecues, hot plates, candy floss, popcorn makers, the temperature rise limits in Table Z101 apply. The appliance is supplied at rated power and operated under normal operation. (EN 60335-2-9)		P
24	COMPONENTS		P
24.1	Components comply with safety requirements in relevant IEC standards		P
	List of components	(see appended table)	P

11.Z102	TABLE: Temperature rise limits for surface		
	Ambient (°C): 24,5		
	Test voltage (V):248,9		
		dT (K)	Max. dT (K)
	Plastic surface	59,9	65
	Metal surface	32,4	45

24.1	TABLE: Critical components information					P
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾	
Thermostat (ZM-708B, ZM-709B, ZM-800, ZM-800B, ZM-801B, ZM-902B)	Shaoxing XuHeng Electrical Appliance Co., Ltd.	XH-B,XH-C	AC 250V,10A,T250, Tf200°C,1E4	EN 60730-1 EN 60730-2-9	TUV R 50330825	

END OF TEST REPORT

Measurement Equipment List

Testing Start Date 26.09.2018
 Testing end date 26.09.2018

Project Manager Wanda Xuan

Test Report Number 50019469 006
 Order Item Number 1160050340A00040

Customer NINGBO BAKELON ELECTRICAL
 Product Name Contact Grill
 Comment

Old ID	Equip.	Description	Model	Manufacturer	Inte. (mon)	Due Date
1.437A	1809900	Power meter	WT310E-C1-H	YOKOGAWA	12	03.01.2019
1.031B	1809475	Data acquisition unit	34970A	Agilent	12	11.07.2019
1.243	1809691	Temp. & Humidity recorder	175H1	Testo	12	16.01.2019

* No entry for devices that are not subject to regular gauging or calibration

Signature: Wanda Xuan