




Prüfbericht-Nr.: Test Report No.:	50091469 013	Auftrags-Nr.: Order No.:	180114700	Seite 1 von 11 Page 1 of 11
Kunden-Referenz-Nr.: Client Reference No.:	N/A	Auftragsdatum: Order date:	11.10.2019	
Auftraggeber: Client:	NINGBO BAKELON ELECTRICAL APPLIANCE CO., LTD.			
Prüfgegenstand: Test item:	Contact grill			
Bezeichnung / Typ-Nr.: Identification / Type No.:	ZM-708, ZM-708B, ZM-709B, ZM-800B, ZM-801B, ZM-902B, ZM-800, ZM-801C, ZM-802B			
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			
Wareneingangsdatum: Date of receipt:	28.08.2019			
Prüfmuster-Nr.: Test sample No.:	A000982371			
Prüfzeitraum: Testing period:	11.10.2019 – 14.10.2019			
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:		
14.10.2019	Lynn Park/PE		14.10.2019	Weimin Zhang/TC
Datum Date	Name / Stellung Name / Position	Unterschrift Signature	Datum Date	Name / Stellung Name / Position
				
Sonstiges / Other:	Add alternative components for all models and add tube on internal wire for ZM-709B.			
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 P(ass) = entspricht o.g. Prüfgrundlage(n)	2 = gut F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	3 = befriedigend N/A = nicht anwendbar	4 = ausreichend N/T = nicht getestet
Legend:	1 = very good P(ass) = passed a.m. test specification(s)	2 = good F(ail) = failed a.m. test specification(s)	3 = satisfactory N/A = not applicable	4 = sufficient N/T = not tested
<p>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></p>				

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.....:	50091469 013
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. 3F, Building C13, R&D Park, No.32 Lane 299 Guanghua Road, National Hi-Tech Zone, Ningbo 315048 China
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 mark 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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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	Contact grill	
Trade Mark	N/A	
Manufacturer	Same as applicant	
Model/Type reference.....	ZM-708, ZM-708B, ZM-709B, ZM-800B,ZM-801B, ZM-902B, ZM-800, ZM-801C, ZM-802B	
Ratings.....	AC 220-240V; 50/60Hz; Class I; 1500W for ZM-708,ZM-708B 2200W for ZM-902B 1800W for ZM-800 1600W for others	
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 CB Testing Laboratory:	N/A
	Testing location/ address.....	
	Tested by (name, function, signature)....	See cover page
	Approved by (name, function, signature) :	See cover page
<hr/>		
<input type="checkbox"/>	Testing procedure: TMP/CTF Stage 1:	N/A
	Testing location/ address.....	
	Tested by (name, function, signature)....	
	Approved by (name, function, signature) :	
<hr/>		
<input type="checkbox"/>	Testing procedure: WMT/CTF Stage 2:	N/A
	Testing location/ address.....	
	Tested by (name + signature)	
	Witnessed by (name, function, signature) :	
	Approved by (name, function, signature) :	
<hr/>		
<input type="checkbox"/>	Testing procedure: SMT/CTF Stage 3 or 4:	N/A
	Testing location/ address.....	
	Tested by (name, function, signature)....	
	Witnessed by (name, function, signature) :	
	Approved by (name, function, signature) :	
	Supervised by (name, function, signature) :	
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List of Attachments (including a total number of pages in each attachment):

See cover page

Summary of testing:

N/A

EK1AG2 rev.10 was taken into consideration.

Reasonable foreseeable use is covered by the standard and related EK decision applied. Currently neither a safeguard clause procedure has been invoked nor is an increase in accidents known for this/these product(s).

Tests performed (name of test and test clause):

All tests above.

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) and 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

Copy of marking plate

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.

Refer to Test Report No.50091469 001-012.


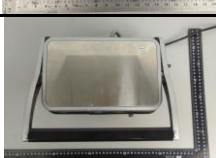

For other models, marking plates are same as ZM-801C except type designation and rated power input.

Remark: 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.

Test item particulars :	
Classification of installation and use : Portable appliance	
Supply Connection : Type Y attachment (non-detachable cord with plug)	
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 manufacturer	

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:


Co-license issued

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 connection manner

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 documentation.

Amendment 6:

Add alternative earthing for top cover, details see photo documentation.

Amendment 7:

Co-license issued

Amendment 8:

1. Add new models: ZM-801C, ZM-802B;
ZM-801C was identical with ZM-801B except the rocker.
ZM-802B was identical with ZM-801C except the enclosure.
2. Add alternative components listed in table 24.1 for all models.

Amendment 9:

Co-license issued.

Amendment 10:

Add alternative components for all models.
More details see Cl.24.1 bold part.

Amendment 11:

Change the way of indicator lightening for ZM-709B.
When it works, the indicator of "Power" is light. Otherwise, the indicators of "Power" and "Ready" are both light.
Add heat insulation cotton in the top enclosure.
More details see photo documentation.

Amendment 12:

1. Add alternative components (power cord, power plug and internal wire) for all models.
More details see Cl.24.1 bold part.
 2. Add tube on internal wire for ZM-709B.
More details see photo documentation.
- After evaluation, no test needed.

IEC 60335-2-9			
Clause	Requirement + Test	Result - Remark	Verdict
24	COMPONENTS		P
24.1	Components comply with safety requirements in relevant IEC standards		P
	List of components..... :	(see appended table)	P

24.1	TABLE: Critical components information Annex 1					P
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾	
Power plug	Yuyao Shengshida Electronic Co., Ltd.,	YD-03	AC 250V; 16A	DIN VDE 0620-1	VDE 40035426	
Alternative	Yuyao Zhongjian Electric Appliance Co., Ltd.,	ZT3	AC 250V; 16A	DIN VDE 0620-1	VDE 40047516	
BS plug only used in UK, not for GS mark (Rewireable Plug)	Ningbo Xuanhua Electric Appliance Co., Ltd.,	XH031A	AC 250V; 13A	BS1363-1	ASTA 1118	
Alternative	Yuyao Zhongjian Electric Appliance Co., Ltd.,	ZJ-007 & ZJ-008	AC 250V; 13A	BS1363-1	ASTA 1282	
BS plug only used in UK, not for GS mark (Non-rewireable Plug)	Yuyao Haidebao Electrical Appliance Co., Ltd.	HDB-08& HDB-08A	AC 250V; 10A	BS1363-1	ASTA 1109	
Alternative	Ningbo Qiaopu Electric Co., Ltd.	D09, D09A	AC 250V; 10A	BS1363-1	ASTA 930	
Alternative	Ningbo Chengken Electric Appliance Co., Ltd.,	ZK06	AC 250V; 10A	BS1363-1	ASTA 1290	
Alternative	Yuyao Zhongjian Electric Appliance Co., Ltd.,	ZJ-006	AC 250V; 10A	BS1363-1	ASTA 1270	
Power supply cord(length≤ 2m)	Dong Guan Ever United Electric Wire & Cable Co., Ltd.	H05RR-F	3G0,75mm ²	EN 50525-2-21	VDE 40016378	

Alternative	Yuyao Zhongjian Electric Appliance Co., Ltd.,	H05VV-F	3G0,75mm²	EN 50525-2-21	VDE 40033849
Thermal link	Shanghai Xinyuan Electronic Co.,Ltd.	RY240	AC 250V; 10A; Tf240°C	EN 60691	TUVR 50056552

Supplementary information:

Provided evidence ensures the agreed level of compliance. See OD-CB2039.

BS plug must fitted with approved fuse-links having a rating appropriate to the cord fitted in accordance with table 2 of BS 1363-1.

24.1	TABLE: Critical components information Annex 1.1					P
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾	
Power plug	Yuyao Shengshida Electronic Co., Ltd.,	YD-03	AC 250V; 16A	DIN VDE 0620-1	VDE 40035426	
Alternative	Yuyao Zhongjian Electric Appliance Co., Ltd.,	ZT3	AC 250V; 16A	DIN VDE 0620-1	VDE 40047516	
BS plug only used in UK, not for GS mark (Rewireable Plug)	Ningbo Xuanhua Electric Appliance Co., Ltd.,	XH031A	AC 250V; 13A	BS1363-1	ASTA 1118	
Alternative	Yuyao Zhongjian Electric Appliance Co., Ltd.,	ZJ-007 & ZJ-008	AC 250V; 13A	BS1363-1	ASTA 1282	
BS plug only used in UK, not for GS mark (Non-rewireable Plug)	Yuyao Haidebao Electrical Appliance Co., Ltd.	HDB-08& HDB-08A	AC 250V; 10A	BS1363-1	ASTA 1109	
Alternative	Ningbo Qiaopu Electric Co., Ltd.	D09, D09A	AC 250V; 10A	BS1363-1	ASTA 930	
Alternative	Ningbo Chengken Electric Appliance Co., Ltd.,	ZK06	AC 250V; 10A	BS1363-1	ASTA 1290	
Power supply cord(length≤ 2m)	Dong Guan Ever United Electric Wire & Cable Co., Ltd.	H05RR-F	3G0,75mm ²	EN 50525-2-21	VDE 40016378	

Alternative	Yuyao Zhongjian Electric Appliance Co., Ltd.,	H05VV-F	3G0,75mm²	EN 50525-2-21	VDE 40033849
Wire connector	SHENZHEN HONGYU ELECTRICAL CO LTD	HY-CE2, HY-CE5, HY-CE2X, HY-CE5X	300V; 105°C	EN 60335-1 EN 60335-2-9	UL E314734 +testedwith appliance

Supplementary information:

Provided evidence ensures the agreed level of compliance. See OD-CB2039.

BS plug must fitted with approved fuse-links having a rating appropriate to the cord fitted in accordance with table 2 of BS 1363-1.

24.1	TABLE: Critical components information Annex 1.2					P
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾	
Power plug	Yuyao Shengshida Electronic Co., Ltd.,	YD-03	AC 250V; 16A	DIN VDE 0620-1	VDE 40035426	
Alternative	Yuyao Zhongjian Electric Appliance Co., Ltd.,	ZT3	AC 250V; 16A	DIN VDE 0620-1	VDE 40047516	
BS plug only used in UK, not for GS mark (Rewireable Plug)	Ningbo Xuanhua Electric Appliance Co., Ltd.,	XH031A	AC 250V; 13A	BS1363-1	ASTA 1118	
Alternative	Yuyao Zhongjian Electric Appliance Co., Ltd.,	ZJ-007 & ZJ-008	AC 250V; 13A	BS1363-1	ASTA 1282	
BS Plug only used in UK, not for GS mark (Non-rewireable Plug)	YuyaoHaidebao Electrical Appliance Co., Ltd.	HDB-08& HDB-08A	AC 250V; 10A	BS1363-1	ASTA 1109	
Alternative	Ningbo Qiaopu Electric Co., Ltd.	D09& D09A	AC 250V; 10A	BS1363-1	ASTA 930	
Alternative	Ningbo Chengken Electric Appliance Co., Ltd.,	ZK06	AC 250V; 10A	BS1363-1	ASTA 1290	

Alternative	Yuyao Zhongjian Electric Appliance Co., Ltd.,	ZJ-006	AC 250V; 10A	BS1363-1	ASTA 1270
Power supply cord(length≤ 2m)	Yuyao Zhongjian Electric Appliance Co., Ltd.,	H05VV-F	3G0,75mm²	EN 50525-2-21	VDE 40033849
Internal wire	CixiShuanghong g Wire Co., Ltd.	H05SJ-K	0,3-0,5mm², 180°C for indicator; 0,5- 0,75mm² for others	EN 50525-2-41	VDE 40017324

Supplementary information:

Provided evidence ensures the agreed level of compliance. See OD-CB2039.

BS plug must fitted with approved fuse-links having a rating appropriate to the cord fitted in accordance with table 2 of BS 1363-1.

<End of Test Report>