
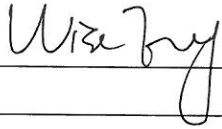




TEST REPORT IEC 60335-2-14 Household and similar electrical appliances – Safety – Part 2-14: Particular requirements for kitchen machines	
Report Number	EFSH14090153-IE-01-L01-A4
Date of issue	2014-11-17, Amendment 4: 2018-12-18
Total number of pages.....	13 pages
Applicant's name.....	Yuyao HOLON Electrical Appliance Co.,Ltd
Address	Sibei Village, Simen Town, Yuyao City, Ningbo, Zhejiang Province, China
Test specification:	
Standard	<input type="checkbox"/> IEC 60335-2-14:2006 (Fifth Edition) + A1:2008 + A2:2012 in conjunction with IEC 60335-1:2010 (Fifth Edition) <input checked="" type="checkbox"/> EN 60335-2-14:2006 + A1:2008 + A11:2012 + A12:2016 used in conjunction with EN 60335-1:2012 + A11:2014 + A13:2017 <input checked="" type="checkbox"/> EN 62233:2008
Test procedure	GS approval + CE-LVD
Non-standard test method.....	N/A
Test Report Form No.....	IEC60335_2_14N
Test Report Form(s) Originator	CQC
Master TRF.....	Dated 2013-07
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Test item description	Hand Mixer
Trade Mark	/
Manufacturer	Yuyao HOLON Electrical Appliance Co.,Ltd
Model/Type reference	GHM001, GHM005, GHM007A, GHM007B, GHM007C, GHM007D, GHM008A, GHM008B, GHM008C, GHM008D, GHM003A, GHM003B, GHM003C, GHM003D, GHM003E, GHM005D, GHM006
Ratings	220-240V~, 50-60Hz, Class II GHM001, GHM007A, GHM008A, GHM003A: 150W GHM007B, GHM008B, GHM003B: 200W GHM005, GHM007C, GHM008C, GHM003C: 250W GHM007D, GHM008D, GHM003D, GHM005D: 300W GHM003E, GHM006: 350W

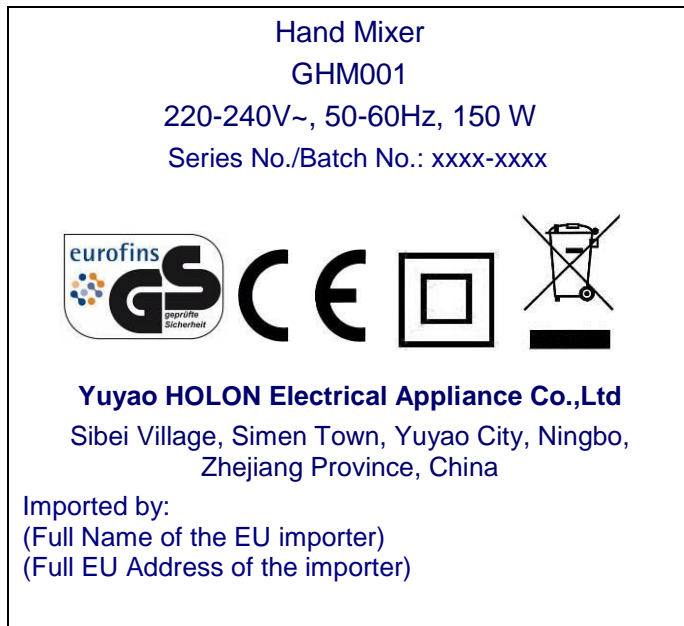
Testing procedure and testing location:		
<input checked="" type="checkbox"/>	Testing Laboratory:	Eurofins Product Testing Service (Shanghai) Co., Ltd.
Testing location/ address		No. 395 West Jiangchang Road, Jing'an District, Shanghai, China
<input type="checkbox"/>	Associated CB Laboratory:	N/A
Testing location/ address		N/A
Tested by (name + signature)		David Du /Project Engineer 
Approved by (name + signature) ..		Wise Feng /Project Engineer 
<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): Photo documentation (7 pages)	
Summary of testing: From the result of our inspection and tests on the submitted samples, we conclude they comply with the requirements of the standards.	
Tests performed (name of test and test clause): None.	Testing location: Eurofins Product Testing Service (Shanghai) Co., Ltd. No. 395 West Jiangchang Road, Jing'an District, Shanghai, China
Summary of compliance with National Differences List of countries addressed: National differences of Germany and U.K. were checked.	

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.

(Representative, may differ in model no./rated power input)



Test item particulars	
Classification of installation and use	Hand-held appliance for household use only
Supply Connection	Type Y for models except for GHM006
.....	Appliance inlet + cord set for GHM006
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	--
Date (s) of performance of tests	--
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. The related applicable CTL/OSM decisions have been considered and the requirements found fulfilled. For GS approval, EK1 601-15e Rev2 and EK1 527-12 Rev.2 are considered.</p>	
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)	Yuyao HOLON Electrical Appliance Co.,Ltd Sibe Village, Simen Town, Yuyao City, Ningbo, Zhejiang Province, China
General product information:	
The appliances covered by this report are hand-held mixers for household and indoor use. After review, GHM001 and GHM005 were subjected to the tests and the most unfavourable data was recorded.	

Amendment 4 :

The original test report ref. No. EFSH14090153-IE-01-L01, dated 2014-11-17 was additionally modified on 2018-12-18 to include the following changes and/or additions:

- 1.Update the standard to EN 60335-2-14:2006 + A1:2008 + A11:2012 + A12:2016 and EN 60335-1:2012 + A11:2014 + A13:2017.
- 2.Update the EK 1 decision to EK1 601-15e Rev2.

After review, no test was needed.

This report is only valid in conjunction with the original test report EFSH14090153-IE-01-L01, and the related amendment/modification reports.

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

**ATTACHMENT TO TEST REPORT IEC 60335-2-14
EUROPEAN GROUP DIFFERENCES AND NATIONAL DIFFERENCES**

Household and similar electrical appliances – Safety –
Part 2: Particular requirements for kitchen machines

Differences according to:	EN 60335-2-14:2006/A12:2016
Attachment Form No.:	EN 60335-2-14_A12_2016-ATTACHMENT
Attachment Originator:	Eurofins
Master Attachment:	2017-11
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IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

CENELEC COMMON MODIFICATIONS			
7.10	The accessible switch required by 22.40 distinguished from other manual devices by means of shape, or size, or surface texture, or position, etc. (EN 60335-2-14)		P
	An indication that the device has been operated is given by:		P
	• a tactile feedback, or		P
	• an audible and visual feedback		P
	A selector switch with an off-position clearly identifiable is allowed (EN 60335-2-14)		P
	An ON/OFF switch, if any, is considered a suitable device to stop operational functions (EN 60335-2-14)		N/A
	A plug is not considered a suitable device to stop operational functions, as it can be difficult to be reached by vulnerable persons (EN 60335-2-14)		P
7.12	The instructions for appliances shall warn of potential injury from misuse (EN 60335-2-14)		P
	The instructions for appliances shall include the substance of the following: (EN 60335-2-14)		--
	Always disconnect the appliance from the supply if it is left unattended and before assembling, disassembling or cleaning (EN 60335-2-14)		P
	The instructions for bean slicers, berry-juice extractors, blenders and hand-held blenders churns, centrifugal juicers, coffee mills, food mixers, food processors, grain grinders, knife sharpeners, knives, mincers, noodle makers, potato peelers, shredders, sieving machines and slicing machines shall include the substance of the following: (EN 60335-2-14)		--
	This appliance shall not be used by children. Keep the appliance and its cord out of reach of children (EN 60335-2-14)		P
	The instructions for can openers, citrus-fruit squeezers, cream whippers, egg beaters, graters and ice-cream machines include the substance of the following: (EN 60335-2-14)		--
	This appliance can be used by children aged from 8 years and above if they have been given supervision or instruction concerning use of the appliance in a safe way and if they understand the hazards involved (EN 60335-2-14)		N/A
	Cleaning and user maintenance shall not be made by children unless they are aged from 8 years and above and supervised (EN 60335-2-14)		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	Keep the appliance and its cord out of reach of children aged less than 8 years (EN 60335-2-14)		N/A
	The instructions also include the substance of the following: (EN 60335-2-14)		--
	Appliances can be used by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and if they understand the hazards involved (EN 60335-2-14)		P
	Children shall not play with the appliance (EN 60335-2-14)		P
11.8	During the test, the temperature rises are monitored continuously and shall not exceed the values shown in 65 Table 3 and Table Z101". (EN 60335-2-14)		P
11.8	Footnotes to "External enclosure of motor-operated appliances" to be taken into account (EN 60335-2-14)		P
	Add the following Table Z101 (EN 60335-2-14)	(see appended table)	P
20.2	When using the test probe similar to test probe B with a circular stop face, the accessories and detachable covers are removed		N/A
	Test probe 18 applied with a force of 2,5N on the appliance fully assembled		N/A
	The test probe, similar to test probe B but having a circular stop face with a diameter of 50 mm, is not applied to: (EN 60335-2-14)		--
	- appliances specified in the list	Mixer	P
	- the following parts of other appliances:		N/A
	smooth shafts having a diameter not exceeding 8 mm, rotating at a speed not exceeding 1 500 r/min and driven by motors having an input not exceeding 200 W		N/A
	outlet sides of grating and shredding disks rotating at a speed not exceeding 1 500 r/min		N/A
	projections from the surface of grinding disks, cones and similar parts having a height less than 4 mm		N/A
	Test probe 18 not applied to: (EN 60335-2-14)		--
	- appliances specified in the list		N/A
	- the following parts of other appliances:		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	smooth shafts having a diameter not exceeding 8 mm, rotating at a speed not exceeding 1 500 r/min and driven by motors having an input not exceeding 200 W		N/A
	outlet sides of grating and shredding disks rotating at a speed not exceeding 1 500 r/min		N/A
	projections from the surface of grinding disks, cones and similar parts having a height less than 4 mm		N/A
	For blenders, detachable parts, except lids, are not removed. Test probe 18 is not applied to blenders Test probe 18 is not applied to blenders."		N/A

11.Z101	TABLE: Temperature rise limits for surfaces		P
	Ambient (°C):		22,0
	Test voltage (V):		254,4
		dT (K)	Max. dT (K)
	Bare metal	--	45
	Coated metal	--	55
	Glass and ceramic	--	60
	Plastic and plastic coating > 0,3 mm	7	65
Remarks: The most unfavourable data was recorded.			

**ATTACHMENT TO TEST REPORT IEC 60335-1
EUROPEAN GROUP DIFFERENCES AND NATIONAL DIFFERENCES**

Household and similar electrical appliances – Safety –
Part 1: GENERAL REQUIREMENTS

Differences according to:	EN 60335-1:2012/A13:2017
Attachment Form No.:	EN 60335-1_A13_2017_ATTACHMENT
Attachment Originator:	Eurofins
Master Attachment:	Dated 2018-04

Clause	Requirement + Test	Result - Remark	Verdict
Annex ZC	Annex ZC (normative) Normative references to international publications with their corresponding European publications		--
	A list of referenced documents in this standard		P
Annex ZZA	Annex ZZA (informative) Relationship between this European Standard and the safety objectives of Directive 2014/35/EU [2014 OJ L96] aimed to be covered		--
	This European Standard has been prepared under a Commission's standardization request relating to harmonized standards in the field of the Low Voltage Directive, M/511, to provide one voluntary means of conforming to safety objectives of Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonization of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits [2014 OJ L96].		P
	Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding safety objectives of that Directive, and associated EFTA regulations.		P
	Compliance with this Part 1 when used together with the relevant Part 2 provides one means of conformity with the safety objectives.		P

Clause	Requirement + Test	Result - Remark	Verdict
Annex ZZB	Annex ZZB (informative) Relationship between this European Standard and the essential requirements of Directive 2006/42/EC aimed to be covered		--
	This European Standard has been prepared under a Commission's standardization request relating to Mandate for standardization in the field of machinery "M/396" to provide one voluntary means of conforming to essential requirements of EU Directive 2006/42/EC.		N/A
	Once this standard is cited in the Official Journal of the European Union under that EU Directive compliance with the normative clauses of this standard given in Table ZZB.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding essential requirements of that Directive and associated EFTA regulations.		N/A
	Compliance with this Part 1 when used together with the relevant Part 2 provides one means of conformity with the relevant essential health and safety requirements.		N/A