



Test Report issued under the responsibility of:



TEST REPORT IEC 60335-2-3 Safety of household and similar electrical appliances Part 2: Particular requirements for electric irons	
Report Number :	EFSH16011720-IE-01-L01-A1
Date of issue :	2016-03-22; Amendment 1: 2019-05-23
Total number of pages	11 pages
Name of Testing Laboratory preparing the Report	Eurofins Product Testing Service (Shanghai) Co., Ltd.
Applicant's name	YUYAO TASUN ELECTRICAL APPLIANCE CO., LTD.
Address :	No.40 ZHENNAN RD. DITANG, YUYAO, NINGBO, 315490, P.R. CHINA
Test specification:	
Standard	<input checked="" type="checkbox"/> EN 60335-2-3:2016 <input checked="" type="checkbox"/> EN 60335-1:2012+A11:2014+A13:2017 <input checked="" type="checkbox"/> EN 62233:2008 <input type="checkbox"/> IEC 60335-2-3:2012, AMD1:2015 in conjunction with IEC 60335-1: 2010, COR1:2010, COR2:2011, AMD1:2013, COR1:2014, AMD2:2016, COR1:2016
Test procedure :	GS Approval + CE-LVD
Non-standard test method	N/A
Test Report Form No.	IEC60335_2_3L
Test Report Form(s) Originator :	KTL
Master TRF	Dated 2018-05-25
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General disclaimer:	
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Test item description	Steam Station Iron	
Trade Mark	--	
Manufacturer	Same as applicant	
Model/Type reference	T-802, T-802E	
Ratings	220-240V~, 50/60Hz, 2000-2400W, Class I for both models	
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
<input checked="" type="checkbox"/>	Testing Laboratory:	Eurofins Product Testing Service (Shanghai) Co., Ltd.
	Testing location/ address	No. 395, No.399 West Jiangchang Road, Jing'an District, Shanghai, China
	Tested by (name, function, signature)	Jules Xu (Project Engineer) 
	Approved by (name, function, signature) ..	Michael Liu (Project Engineer) 
<input type="checkbox"/>	Testing procedure: CTF Stage 1:	
	Testing location/ address	N/A
	Tested by (name, function, signature)	N/A
	Approved by (name, function, signature) ..	N/A
<input type="checkbox"/>	Testing procedure: CTF Stage 2:	
	Testing location/ address	N/A
	Tested by (name + signature)	N/A
	Witnessed by (name, function, signature) .	N/A
	Approved by (name, function, signature) ..	N/A
<input type="checkbox"/>	Testing procedure: CTF Stage 3:	
<input type="checkbox"/>	Testing procedure: CTF Stage 4:	
	Testing location/ address	N/A
	Tested by (name, function, signature)	N/A
	Witnessed by (name, function, signature) .	N/A
	Approved by (name, function, signature) ..	N/A
	Supervised by (name, function, signature) :	N/A

<p>List of Attachments (including a total number of pages in each attachment):</p> <ul style="list-style-type: none"> -European group differences and national differences (TRF_EU_GD_IEC60335_2_3A): 3 pages (Incorporated in the main report) -EUROPEAN GROUP DIFFERENCES AND NATIONAL DIFFERENCES(EN 60335-1_A13_2017_ATTACHMENT):2 pages (Incorporated in the main report) -Constructional data form (CDF): 6 pages (separate file) 	
<p>Summary of testing:</p> <p>From the result of our inspection and tests on the submitted samples, we conclude they comply with the requirements of the standards.</p>	
<p>Tests performed (name of test and test clause):</p> <p>None</p>	<p>Testing location:</p> <p>Eurofins Product Testing Service (Shanghai) Co., Ltd.</p> <p>No.395, No.399 West Jiangchang Road, Jing'an District, Shanghai, China</p>
<p>Summary of compliance with National Differences (List of countries addressed):</p> <p>Germany and European Group Differences</p>	

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.

For Stand and iron (Representative, may differ in model name).

Steam Station Iron

Model name: T-802 Serial No./Batch No.: XXXX

220-240V~, 50/60Hz, 2000-2400W, Class I



YUYAO TASUN ELECTRICAL APPLIANCE CO., LTD.

No.40 ZHENNAN RD. DITANG, YUYAO, NINGBO, 315490, P.R.
CHINA

Imported by:

(Full Name of the EU importer)

(Full EU Address of the importer)

Test item particulars	
Classification of installation and use	Class I, Portable appliance for household 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	
:	
Date (s) of performance of tests	
:	
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. 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. Determination of the test result includes consideration of measurement uncertainty from the test equipment and methods. The related applicable CTL/OSM decisions have been considered and the requirements found fulfilled. For GS approval, EK1 601-15e Rev 2, EK1 454-09 and EK1 527-12 Rev 2 were considered and the requirements found fulfilled.	
Manufacturer's Declaration per sub-clause 4.2.5 of IEC 60335-1:	
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 the applicant	

General product information:

The appliances covered in this report are steam irons, for household and indoor use.

T-802 is similar to T-802E in shape and appearance, and they are identical in rated voltage and rated power input. T-802 is controlled by a mechanical temperature control system (Thermostat), while T-802E is controlled by electronic one (NTC). There is a separated steam controller in the stand of T-802.

After review, both models are subjected to all tests.

Amendment 1:

The original Eurofins report ref. No. EFSH16011720-IE-01-L01, dated 2016-03-22 was additionally modified on 2019-05-23 to include the following changes and/or additions:

1. The standards were updated from "EN 60335-2-3:2002 + A1:2005 + A2:2008 + A11:2010" to "EN 60335-2-3:2016", and from "EN 60335-1:2012 + A11:2014" to "EN 60335-1:2012 + A11:2014 + A13:2017".
2. EK decision was updated from "EK1 601-15e Rev 1" to "EK1 601-15e Rev 2", EK1 527-12 Rev 2 was considered.
3. Alternative components were added, CDF was updated.

After review, no additional tests were needed, relative clauses were checked and requirements found fulfilled.

This report is only valid in conjunction with the original Eurofins report ref. No. EFSH16011720-IE-01-L01 and the related amendment/modification reports.

IEC60335_2_3 - ATTACHMENT

Clause	Requirement - Test	Result - Remark	Verdict
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**ATTACHMENT TO TEST REPORT IEC 60335-2-3
EUROPEAN GROUP DIFFERENCES AND NATIONAL DIFFERENCES**

Household and similar electrical appliances – Safety –
Part 2: Particular requirements for electric irons

Differences according to: EN 60335-2-3:2016, EN 60335 1:2012+A11:2014,
EN 62233:2008 variation to IEC 60335 2-3:2012, IEC 60335-1:2010

Attachment Form No.: TRF_EU_GD_IEC60335_2_3A

Attachment Originator: Eurofins Shanghai

Master Attachment: Date (2016-07)

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IEC60335_2_3 - ATTACHMENT			
Clause	Requirement - Test	Result - Remark	Verdict

CENELEC COMMON MODIFICATIONS			
7.1	When the provisions of footnote b to Table Z101 apply, the appliance shall be marked with: (EN60335-2-3, A11:10)		--
	- the substance of "CAUTION: Hot surface", or		N/A
	- symbol IEC 60417-5041		P
	The warning shall be put on the surface of the appliance having the highest temperature and shall be visible during normal operation (EN60335-2-3, A11:10)		P
7.6	Add the symbol IEC 60417-5041: Caution, hot surface		P
7.10	Devices used to start/stop operational functions of the appliances, if any, shall be distinguished from other manual devices by means of shape, or size, or surface texture, or position, etc. A tactile or an audible and visual feedback shall give an indication that the device has been operated. (EN60335-2-3, A11:10)		P
7.12	The instructions shall include the substance of the following: (EN60335-2-3)		--
	- keep the iron and its cord out of reach of children less than 8 years of age when it is energized or cooling down.		P
	If symbol IEC 60417-5041 is marked on the appliance, the instructions shall state that surfaces are liable to get hot during use.		P
7.14	The height of symbol IEC 60417-5041 shall be at least 8 mm. (EN60335-2-3)		P
	The height of the warning "CAUTION. Hot surface" shall be at least 4 mm (measured on the capital letters). (EN60335-2-3)		N/A
11.8	Footnotes to "External enclosure of motor-operated appliances" to be taken into account		P
	Replace the first paragraph of Part 1 by the following: "During the test, the temperature rises are monitored continuously and shall not exceed the values shown in Table 3 and Table Z101 in accordance with 11.Z101." (EN60335-2-3)		P
	In Table 3, delete the row "External enclosure of motor-operated appliances, except handles held in normal use" and the corresponding footnotes. (EN60335-2-3)		P

IEC60335_2_3 - ATTACHMENT			
Clause	Requirement - Test	Result - Remark	Verdict
	Add the Table Z101 (EN60335-2-3)		P
11.Z101	For the measurement of temperature rises the instructions from the manufacturer on where the appliance has to be situated during normal operations have to be followed. (EN60335-2-3)		P
	Temperature rises are not measured on the underside of appliances intended to be used on a working surface or floor. (EN60335-2-3)		P
20.1	Replace "an angle of 10°" by "an angle of 15°". (EN60335-2-3, A11:10)		P
22.Z101	For irons fitted with a supply cord, other than those with a separate reservoir or boiler, the free length of the supply cord, measured from the inlet point in the iron to the inlet point in the plug including the cord guard shall be at least 1,9 m. (EN60335-2-3)		P

**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