



Test Report issued under the responsibility of:



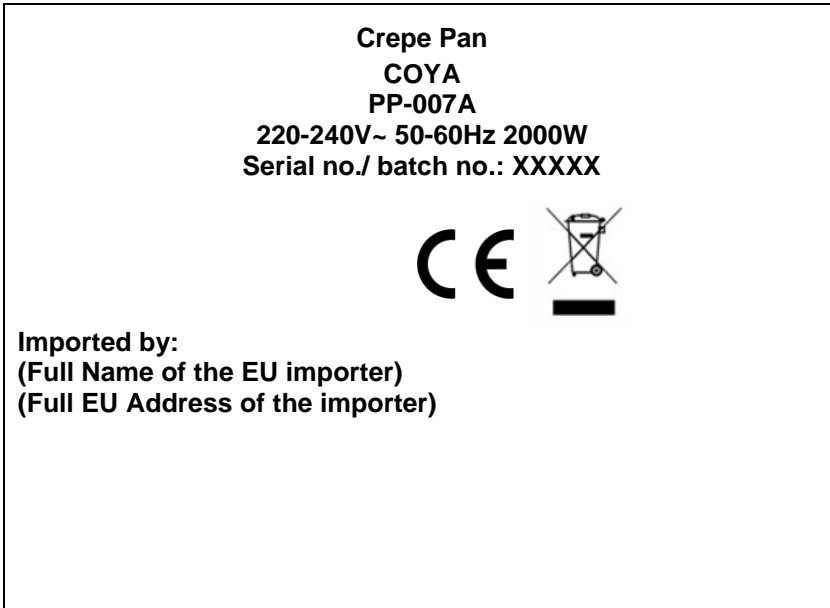
TEST REPORT IEC 60335-2-9 Safety of household and similar electrical appliances Part 2: Particular requirements for grills, toasters and similar cooking appliances	
Report Number.....	EFSH19111063-IE-01-L01-A3
Date of issue.....	2019-12-09; Amendment 2: 2022-11-08
Total number of pages	10 pages
Name of Testing Laboratory preparing the Report	Eurofins Product Testing Service (Shanghai) Co., Ltd.
Applicant's name	
Address.....	
Test specification:	
Standard	<input type="checkbox"/> IEC 60335-2-9:2008, COR1:2013, AMD1: 2012, AMD2:2016 in conjunction with IEC 60335-1:2010, COR1:2010, COR2:2010, AMD1:2013, COR1:2014, AMD2:2016, COR1:2016 <input checked="" type="checkbox"/> EN 60335-2-9: 2003 + A1: 2004 + A2: 2006 + A12: 2007 + A13: 2010 + corrigendum to A13:2011 + corrigendum to A13:2012 <input checked="" type="checkbox"/> EN 60335-1:2012 + AC:2014 + A11:2014 + A13:2017 + A1:2019 + A14:2019 + A2:2019 +A15:2021 <input checked="" type="checkbox"/> EN 62233: 2008 + AC:2008
Test procedure	CE-LVD
Non-standard test method	N/A
Test Report Form No.	IEC60335_2_9Q
Test Report Form(s) Originator	LCIE
Master TRF	Dated 2019-09-24
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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	Crepe Pan	
Trade Mark(s)	COYA	
Manufacturer	Zhejiang Weijiang Electrical Appliance Co., Ltd	
Model/Type reference	PP-007A, PP-007B, PP-018-1.5, PP-017-1.5, PP-016-1.5, PP-018-2, PP-017-2, PP-016-2, PP-007C, PP-007D, PP-016A	
Ratings	PP-007A, PP-018-2, PP-017-2, PP-016-2: 220-240V~, 50-60Hz, 2000W, Class I PP-007B, PP-018-1.5, PP-017-1.5, PP-016-1.5, PP-007C, PP-007D, PP-016A: 220-240V~, 50-60Hz, 1500W, Class I	
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	Building 18, No. 2168 Chenhang Highway, Minhang District, Shanghai, China
	Tested by (name, function, signature)	Shin Xin (Project Engineer) 
	Approved by (name, function, signature) ..	Ken Tao (Project Engineer) 
<input type="checkbox"/>	Testing procedure: CTF Stage 1:	
	Testing location/ address	
	Tested by (name, function, signature)	
	Approved by (name, function, signature) ..	
<input type="checkbox"/>	Testing procedure: 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: CTF Stage 3:	
<input type="checkbox"/>	Testing procedure: CTF Stage 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): Constructional data form(CDF): 7 pages (Separate file)	
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): <input checked="" type="checkbox"/> Cl.19 Abnormal operation	Testing location: Eurofins Product Testing Service (Shanghai) Co., Ltd. Building 18, No.2168 Chenhang Highway, Minhang District, Shanghai, P.R China
Summary of compliance with National Differences (List of countries addressed): European Group Differences	

Copy of marking plate (Representative, may differ with the model number, rated power input)

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.



Test item particulars :	
Classification of installation and use : Class I, household indoor use only	
Supply Connection : Appliance inlet	
..... :	
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 : 2022-09-19	
Date (s) of performance of tests : 2022-11-02	
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 related applicable CTL/OSM decisions, (EU)2017/1357 have been considered and the requirements found fulfilled.	
Determination of the test result includes consideration of measurement uncertainty from the test equipment and methods.	
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)	
General product information and other remarks:	
The appliances covered by this report are crepe pan for household use only.	
Amendment 1:	
The original test reports ref. No. EFSH14122018-IE-01-L01, dated 2015-01-05, ref. No. EFSH14122018-IE-01-L01-A1, dated 2015-05-05, ref. No. EFSH14122018-IE-01-L01-A2, dated 2016-01-20, ref. No. EFSH14122018-IE-01-L01-A3, dated 2017-11-26, EFSH19111063-IE-01-L01, dated 2019-12-09 were modified on 2021-04-22 to include the following changes and/or additions:	
1. Add alternative shape of wiring terminals for heating element of PP-016, PP-017, PP-018.	
2. Change name of license holder/manufacturer/factory to	
After review, Clause 28 and 29 were considered on PP-016, PP-017, PP-018 series.	

This report is only valid in conjunction with the original test report: EFSH14122018-IE-01-L01, EFSH14122018-IE-01-L01-A1, EFSH14122018-IE-01-L01-A2, EFSH14122018-IE-01-L01-A3 and EFSH19111063-IE-01-L01.

Amendment 2:

The original test reports ref. No. EFSH14122018-IE-01-L01, dated 2015-01-05, ref. No. EFSH14122018-IE-01-L01-A1, dated 2015-05-05, ref. No. EFSH14122018-IE-01-L01-A2, dated 2016-01-20, ref. No. EFSH14122018-IE-01-L01-A3, dated 2017-11-26, ref. No. EFSH19111063-IE-01-L01, dated 2019-12-09, ref. No. EFSH19111063-IE-01-L01-A1, dated 2021-04-22 were modified on 2022-08-30 to include the following changes and/or additions:

1. Add a new model "PP-016A", which is same as previous series model "PP-016" except the shape of crepe pan.
2. Update Standard from "EN 60335-2-9: 2003 + A1: 2004 + A2: 2006 + A12: 2007 + A13: 2010" to "EN 60335-2-9: 2003 + A1: 2004 + A2: 2006 + A12: 2007 + A13: 2010 + corrigendum to A13:2011 + corrigendum to A13:2012"
3. Update Standard from "EN 60335-1: 2012 + AC:2014 + A11:2014 + A13:2017 + A1:2019 + A14:2019 + A2:2019" to "EN 60335-1: 2012 + AC:2014 + A11:2014 + A13:2017 + A1:2019 + A14:2019 + A2:2019 + A15:2021".

After review, no test needs to be done.

This report is only valid in conjunction with the original test report: EFSH14122018-IE-01-L01, EFSH14122018-IE-01-L01-A1, EFSH14122018-IE-01-L01-A2, EFSH14122018-IE-01-L01-A3, EFSH19111063-IE-01-L01 and EFSH19111063-IE-01-L01-A1.

Amendment 3:

The original Eurofins report ref. No. EFSH14122018-IE-01-L01, dated 2015-01-05 was additionally modified on 2022-11-02 to include the following changes and/or additions:

1. Add alternative thermal link.

After review, recheck model PP-016A was selected to do cl.19.

The most unfavorable data was recorded.

This report is only valid in conjunction with the original test report: EFSH14122018-IE-01-L01, EFSH14122018-IE-01-L01-A1~A3, EFSH19111063-IE-01-L01 and EFSH19111063-IE-01-L01-A1~A2.

IEC 60335-2-9			
Clause	Requirement + Test	Result - Remark	Verdict
19	ABNORMAL OPERATION		--
19.1	The risk of fire, mechanical damage or electric shock under abnormal or careless operation obviated		P
	Electronic circuits so designed and applied that a fault will not render the appliance unsafe	(see appended table)	N/A
	Appliances incorporating heating elements subjected to the tests of 19.2 and 19.3, and		P
	if the appliance also has a control that limit the temperature during clause 11 it is subjected to the test of 19.4, and		P
	if applicable, to the test of 19.5		P
	Appliances incorporating PTC heating elements are also subjected to the test of 19.6		N/A
	Appliances incorporating motors subjected to the tests of 19.7 to 19.10, as applicable		N/A
	Appliances incorporating electronic circuits subjected to the tests of 19.11 and 19.12, as applicable		N/A
	Appliances incorporating contactors or relays subjected to the test of 19.14, being carried out before the tests of 19.11		N/A
	Appliances incorporating voltage selector switches subjected to the test of 19.15		N/A
	Unless otherwise specified, the tests are continued until a non-self-resetting thermal cut-out operates, or		P
	until steady conditions are established		P
	If a heating element or intentionally weak part becomes open-circuited, the relevant test is repeated on a second sample		N/A
	Tests of 19.4 and 19.5 are only applicable to: - breadmakers, - food dehydrators - the following appliances ,if they incorporate a timer or if their instructions indicate a cooking operation longer than 1h: ovens, roasters, hotplates <i>other than induction hotplates</i> , cookers, rotary grills (IEC 60335-2-9)		P
	Toasters are subjected to the tests 19.101 and 19.102 (IEC 60335-2-9)		N/A
	However, induction wok hotplates are not subjected to the test of 19.104, 19.105 and 19.107, but 19.2, 19.3 and 19.4 are not applicable. (IEC 60335-2-9)		N/A

IEC 60335-2-9			
Clause	Requirement + Test	Result - Remark	Verdict
	Induction hotplates are subjected to the tests 19.104,19.105 and 19.107 (IEC 60335-2-9)		N/A
	Induction wok hotplates are subjected to the tests 19.105 and 19.107 (IEC 60335-2-9)		N/A
	Pop-corn makers are also subjected to the test of 19.106. (IEC 60335-2-9)		N/A
19.2	Test of appliances with heating elements with restricted heat dissipation; test voltage (V), power input of 0.85 times rated power input (W)	206,5V, 1166,5W	P
	Radiant grills, raclette grills that are loaded from the front , rotary grills, ovens, hotplates and cookers are placed as near as possible to the walls of the test corner (IEC 60335-2-9)		N/A
	They are tested empty with lids open or closed whichever is the more unfavourable. Detachable parts are in position or removed, whichever is more unfavourable. (IEC 60335-2-9)	No lid	P
	Hotplates are operated without a vessel and with the controls adjusted to the highest setting. (IEC 60335-2-9)		N/A
	Cookers are only tested with the heating unit that results in the most unfavourable conditions, their controls adjusted to the highest setting. However ovens are operated if they do not have an indicating lamp to show when they are switched on, controls adjusted to the highest setting (IEC 60335-2-9)		N/A
19.3	Test of 19.2 repeated; test voltage (V), power input of 1.24 times rated power input (W)	271,9V, 2025,3W	P
19.4	Test conditions as in clause 11, any control limiting the temperature during tests of clause 11 short-circuited	263,2V, 1878,3W	P
	Air-circulating fans of food dehydrators disconnected (IEC 60335-2-9)		N/A
19.5	Test of 19.4 repeated on Class 0I and I appliances with tubular sheathed or embedded heating elements. No short-circuiting, but one end of the element connected to the sheath	263,2V, 1878,3W	P
	The test repeated with reversed polarity and the other end of the heating element connected to the sheath		P
	The test is not carried out on appliances intended to be permanently connected to fixed wiring and on appliances where an all-pole disconnection occurs during the test of 19.4		N/A

IEC 60335-2-9			
Clause	Requirement + Test	Result - Remark	Verdict
19.13	During the tests the appliance does not emit flames, molten metal, poisonous or ignitable gas in hazardous amounts		P
	Temperature rises not exceeding the values shown in table 9	(see appended table)	P
	Compliance with clause 8 not impaired		P
	If the appliance can still be operated it complies with 20.2		N/A
	Insulation, other than of class III appliances or class III constructions that do not contain live parts, withstands the electric strength test of 16.3, the test voltage as specified in table 4:		--
	- basic insulation (V)	1000V, 1min	P
	- supplementary insulation (V)	1750V, 1min	P
	- reinforced insulation (V)	3000V, 1min	P
	After operation or interruption of a control, clearances and creepage distances across the functional insulation withstand the electric strength test of 16.3, the test voltage being twice the working voltage		P
	The appliance does not undergo a dangerous malfunction, and		P
	no failure of protective electronic circuits, if the appliance is still operable		N/A
	Appliances tested with an electronic switch in the off position, or in the stand-by mode:		--
	- do not become operational, or		N/A
	- if they become operational, do not result in a dangerous malfunction during or after the tests of 19.11.4		N/A
	If the appliance contains lids or doors that are controlled by one or more interlocks, one of the interlocks may be released provided that:		--
	- the lid or door does not move automatically to an open position when the interlock is released, and		N/A
	- the appliance does not start after the cycle in which the interlock was released		N/A
	During the test of 19.102 and 19.103, flames from the bread inside the toaster and any smoke from the bread shall be ignored (IEC 60335-2-9)		N/A
	Temperature rise of the windings of induction hotplates not exceeding the values specified in 19.7 (IEC 60335-2-9)		N/A
	The electric strength test of induction hotplates is carried out immediately after switching off the appliance. (IEC 60335-2-9)		N/A

IEC 60335-2-9			
Clause	Requirement + Test	Result - Remark	Verdict

19		Abnormal operation conditions					P
Operational characteristics		YES/NO	Operational conditions				
Are there electronic circuits to control the appliance operation?		NO	N/A				
Are there "off" or "stand-by" position?		NO	N/A				
The unintended operation of the appliance results in dangerous malfunction?		NO	N/A				
Sub-clause	Operating conditions description	Test results description	PEC description	EMP 19.11.4	Software type required	19.11.3 PEC	Final result
19.2	Refer to Cl.19.2	No hazards	N/A	N/A	N/A	N/A	P
19.3	Refer to Cl.19.3	No hazards	N/A	N/A	N/A	N/A	P
19.4	Refer to Cl.19.4	No hazards	NA	NA	NA	NA	P
19.5	Refer to Cl.19.5	No hazards	NA	NA	NA	NA	P
Supplementary information:							

19.13		TABLE: Abnormal operation, temperature rises		P
Thermocouple locations		Max. temperature rise measured, ΔT (K)	Max. temperature rise limit, ΔT (K)	
Cl.19.2 & Cl.19.3				
Supply cord		4,0	150	
Test corner		8,4	150	
Plastic enclosure		1,1	--	
Cl.19.4 & Cl.19.5				
Supply cord		27,3	150	
Test corner		10,8	150	
Supplementary information: Material temperature limit does not exceed the temperature limit in the historical report. Cl.30 is not checked				