

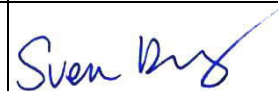


Test Report issued under the responsibility of:



TEST REPORT IEC 60335-2-7 Safety of household and similar electrical appliances Part 2: Particular requirements for washing	
Report Number.	NBES140800074903-M2
Date of issue	2016-01-19
Total number of pages	8 pages
Applicant's name	Cixi Runsun Electrical Appliance Co., Ltd.
Address	Longtouchang Industrial Park, Longshan Town, Cixi, 315300 Zhejiang, China
Test specification:	
Standard	IEC 60335-2-7:2008 (Seventh Edition) +A1 :2011 in conjunction with IEC 60335-1:2010 (Fifth Edition)) incl. Corrigendum 1:2010
Test procedure	CB Scheme
Non-standard test method	N/A
Test Report Form No.	IEC60335_2_7H
Test Report Form(s) Originator	LCIE
Master TRF	Dated 2012-07
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Test item description	Single-tub Washing Machine (Mini Washing Machine)
Trade Mark	N/A
Manufacturer	Same as applicant
Model/Type reference	XPBy-800D (y=15, 18, 20, 25, 28, 30, 35, 38, 42, 48, 52, 58, 62, 68, 78)

Ratings	220 V - 240 V~; 50/60 Hz; Class I; IPX4;		
	Model	Wash capacity	Power
	XPB15-800D	0,5 kg	170 W
	XPB18-800D		
	XPB20-800D		
	XPB25-800D	1,0 kg	240 W
	XPB28-800D	2,8 kg	
	XPB30-800D	3,0 kg	
	XPB35-800D	3,5 kg	
	XPB38-800D	3,8 kg	
	XPB42-800D	4,0 kg	
	XPB48-800D		
	XPB52-800D	4,8 kg	320 W
	XPB58-800D		
	XPB62-800D		
	XPB68-800D	6,0 kg	400 W
	XPB78-800D		

Testing procedure and testing location:		
☒	CB Testing Laboratory:	SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing location/ address		No. 588 West Jindu Rd, Xinqiao Town, Songjiang District 201612 Shanghai CHINA
☒	Associated CB Laboratory:	SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch
Testing location/ address		1-5/F West No. 4 Building, Lingyun Industry Park, No. 1177 Lingyun Road, Ningbo National Hi-Tech Zone, Ningbo, Zhejiang, China
Tested by (name + signature).....:		Barry Wang / Austin Xuan 
Approved by (name + signature) ..:		Sven Dong 
☐	Testing procedure: TMP	N/A
Testing location/ address		
Tested by (name + signature).....:		
Approved by (name + signature) ..:		
☐	Testing procedure: WMT	N/A
Testing location/ address		
Tested by (name + signature).....:		
Witnessed by (name + signature) ..:		
Approved by (name + signature) ..:		
☐	Testing procedure: SMT	N/A
Testing location/ address		
Tested by (name + signature).....:		
Approved by (name + signature) ..:		
Supervised by (name + signature):		
☐	Testing procedure: RMT	N/A
Testing location/ address		
Tested by (name + signature).....:		
Approved by (name + signature) ..:		
Supervised by (name + signature):		

List of Attachments (including a total number of pages in each attachment):	
None	
Summary of testing:	
Tests performed (name of test and test clause): Tests were carried out according to the following standards: IEC 60335-2-7:2008 + A1:2011 IEC 60335-1:2010 EN 60335-2-7:2010 + A1:2013 + A11:2013 EN 60335-1:2012 + A11:2014 EN 62233:2008	Testing location: ACTL
Summary of compliance with National Differences List of countries addressed: - EU Group Differences	
Copy of marking plate The labels were not changed	

Test item particulars	Single-tub Washing Machine (Mini Washing machine)
Classification of installation and use	Portable appliance for unattended use
Supply Connection	Flexible supply cord fitted with un-detachable 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	2016-01-05
Date (s) of performance of tests	2016-01-05 to 2016-01-19
General remarks:	
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 Attachment #)" refers to additional information appended to the report. "(see appended table)" refers to a table appended to the report. Throughout this report a comma is used as the decimal separator. This document is issued by the company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated: (a) the results shown in this document refer only to the sample(s) tested and (b) such sample(s) are retained for 3 months only. This document cannot be reproduced except in full, without prior approval of the company.	
Manufacturer's Declaration per sub-clause 6.2.5 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 ☐ Yes ☒ 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:

All models had similar construction and share the same components. Refer to below table for detailed differences:

Model	Wash capacity	Power	Motor	Capacitor	Impeller blade	Out appearance
XPB15-800D	0,5 kg	170 W	XPD-50	4 uF	A	a
XPB18-800D						b
XPB20-800D						c
XPB25-800D	1,0 kg	240 W	XPD-90	6 uF	B	d
XPB28-800D	2,8 kg					
XPB30-800D	3,0 kg					
XPB35-800D	3,5 kg					e
XPB38-800D	3,8 kg					
XPB42-800D	4,0 kg					f
XPB48-800D						
XPB52-800D	4,8 kg	320 W	XPD-120	10 uF	C	g
XPB58-800D						
XPB62-800D						
XPB68-800D	6,0 kg	400 W	XPD-150	12 uF	D	h
XPB78-800D						i

Details of impeller blade and out appearance see attachment 1.

Amendment 1 Report: NBES140800074902-M1

The original test report ref. NBES140800074901, dated 2014-10-09 was modified on 2015-03-31 to include the following changes, which were considered technical modifications:

1. Added lid switch for model XPBy-800D(y=25, 38, 48, 78), details refer to photo documentation and table 24.1 in bold.

After reviewing, tests described in 'Tests performed' were considered to be necessary.

Amendment 1 Report: NBES140800074903-M2

The original test report ref. NBES140800074901, dated 2014-10-09 was modified on 2016-01-19 to include the following changes, which were considered technical modifications:

1. Alternative plug and supply cord were added for all models. Refer to table 24.1 in bold.
2. Corrections were made in table 24.1 in bold.
3. Requirements of EN 60335-1:2012/A11:2014 were evaluated.

After reviewing, tests described in '**Tests performed**' were considered to be necessary.

24.1	Table: components				P
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity
Plug	Ningbo Qiaopu Electric Co., Ltd.	D03	250 V~, 16 A	VDE 0620-1 IEC 60884-1	VDE 40002872
Alt.	Ningbo Ousheng Electric Appliance Co., Ltd.	S03	250 V ~, 16 A	VDE 0620-1 IEC 60884-1	VDE 40023763
Alt.	Ningbo Ousheng Electric Appliance Co., Ltd.	OS13	250 V~, 13 A	BS 1363-1 IEC 60884-1	ASTA 1176
Supply Cord	Ningbo Ousheng Electric Appliance Co., Ltd.	H05VV-F 60227 IEC 53	3G 0,75 mm ²	EN 50252-2-11 IEC 60227	VDE 40021137
Alt.	Ningbo Qiaopu Electric Co., Ltd.	H05VV-F 60227 IEC 53	3G 0,75 mm²	EN 50252-2-11 IEC 60227	VDE 40035976
Internal wire	Xiaoshan Haoguang Electric Wire & Cable Co., Ltd.	H05S-K	0,5 mm ² 1,0 mm ²	EN 50252-2-11 IEC 60227	Tested with appliance
Select switch (XPBy-800D (y=38, 68, 78))	Ningbo Sijia Electric Appliance Co., Ltd.	XZK-B	250 V, 5 A, 10T55, 1E4	IEC/EN 61058-1	TUV B 12 05 45304 068
Wash timer	Ningbo Sijia Electric Appliance Co., Ltd.	DXT-15SF-*	AC 250 V, 5 A , 50 Hz, T85, 1E4	IEC/EN 60730-1 IEC/EN 60730- 2-1	TUV B 11 06 45304 066
Wire connector	Heavy Power Co., Ltd.	CE2	T150	IEC/EN 60335-1 IEC/EN 60335- 2-7	UL E113650+ Tested with appliance
Fuse	Hollyland Co., Ltd.	50F	F, 5 A, 250 V	IEC/EN 60127-1 IEC/EN 60127-2	VDE 139232
X2 capacitor	Cixi Yuandong Electronics Co., Ltd.	MPX	275 V, 0,047 uF -1,0 uF, T85	IEC/EN 60384- 14	VDE 40009966
Wash motor (XPBy-800D (y=15, 18, 20, 25))	Zhejiang Weikang Motor Co., Ltd.	XPD-50	220-240 V, 50/60 Hz, Class 155(F), 50 W	IEC/EN 60335-1 IEC/EN 60335- 2-7	Tested with appliance
Motor running capacitor	Cixi Riyi Capacitor Factory	CBB65A-S4	AC 450 V, 50/60 Hz, 4 uF, T70, P2	IEC/EN 60252-1	TUV R 50244741
Wash motor (XPBy-800D (y=28, 30, 35, 38, 42, 48))	Zhejiang Weikang Motor Co., Ltd.	XPD-90	220-240 V, 50/60 Hz, Class 155(F), 90 W	IEC/EN 60335-1 IEC/EN 60335- 2-7	Tested with appliance

Motor running capacitor	Ningbo Zhenhai Longrong Electronic Component Factory	CBB65	AC 450 V, 50/60 Hz, 6 μ F, T70, P2	IEC/EN 60252-1	TUV R 50280410
Alt.	Cixi Riyi Capacitor Factory	CBB65A-S4	AC 450 V, 50/60 Hz, 6 μ F, T70, P2	IEC/EN 60252-1	TUV R 50244741
Wash motor (XPBy-800D (y=52, 58, 62))	Zhejiang Weikang Motor Co., Ltd.	XPD-120	220-240 V, 50/60 Hz, Class 155(F), 120 W	IEC/EN 60335-1 IEC/EN 60335-2-7	Tested with appliance
Motor running capacitor	Ningbo Zhenhai Longrong Electronic Component Factory	CBB65	AC 450 V, 50/60 Hz, 10 μ F, T70, P2	IEC/EN 60252-1	TUV R 50280410
Alt.	Cixi Riyi Capacitor Factory	CBB65A-S4	AC 450 V, 50/60 Hz, 10 μ F, T70, P2	IEC/EN 60252-1	TUV R 50244741
Wash motor (XPBy-800D (y=68, 78))	Zhejiang Weikang Motor Co., Ltd.	XPD-150	220-240 V, 50/60 Hz, Class 155(F), 150 W	IEC/EN 60335-1 IEC/EN 60335-2-7	Tested with appliance
Motor running capacitor	Ningbo Zhenhai Longrong Electronic Component Factory	CBB65	AC 450 V, 50/60 Hz, 12 μ F, T70, P2	IEC/EN 60252-1	TUV R 50280410
Alt.	Cixi Riyi Capacitor Factory	CBB65A-S4	AC 450 V, 50/60 Hz, 12 μ F, T70, P2	IEC/EN 60252-1	TUV R 50244741
Enclosure PP	Shanghai Oil & Chemical Industry Co., Ltd.	PA-765(+)	Min. Thick. 2,2 mm	IEC/EN 60335-1 IEC/EN 60335-2-7	Tested with appliance
Enclosure ABS	Ningbo Lejin Yongxing Chemical Industry Co., Ltd.	EFR63(b)	Min. Thick. 2,2 mm	IEC/EN 60335-1 IEC/EN 60335-2-7	Tested with appliance
Motor protector	Jiangsu Changsheng Electric Appliance Co., Ltd.	BR-A2D	250 V, 6 A, Tf135	IEC/EN 60730-1	VDE 40015893
Lid switch (optional for model XPBy-800D(y=25, 38, 48, 78))	Suzhou Star Kilter Electrical Appliance Co., Ltd.	MS-1205	250 V, 50 Hz, T85, 1E4	GB15092.1 IEC/EN 61058-1	CQC 0500301270 6

— End of test report —