

Certificate



Prüfbescheinigung nach dem Produktsicherheitsgesetz

Test Certificate in compliance with the Product Safety Law

Bescheinigungs-Nr. (Certificate No.): 07SHW2153-03

Ersetzt (Replaces): 07SHW2153-02

Das Produkt entspricht den Anforderungen des Produktsicherheitsgesetzes (ProdSG) § 21 (1) hinsichtlich der Gewährleistung von Sicherheit und Gesundheit und entspricht den derzeit anerkannten Regeln der Technik.

(The product is in compliance with the judicial requirements of the Product Safety Law (ProdSG) § 21 (1) and the currently accepted rules of technology.)

Die Kennzeichnungspflichten des Produktes gemäß §6 ProdSG sind einzuhalten.

(The marking requirements of the product based on §6 ProdSG have to be observed.)

Bescheinigungsinhaber (Certificate Holder)
Cixi City Jielahua Electrical Appliance Co., Ltd.
Linghu, Fanshi Town, Cixi City
Zhejiang 315312
P. R. China

Markenname (Brandname)

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Fertigungsstätte (Manufacturing Site)
Cixi City Jielahua Electrical Appliance Co., Ltd.
Linghu, Fanshi Town, Cixi City
Zhejiang 315312
P. R. China

Produkt (Product)
LötKolben
Soldering iron

Typbezeichnung (Type)
BL-505*, LL-116*, (*=A, B, C, D, E)

Beschreibung (Description)
220-240V~, 50Hz, Schutzklasse I (Class I);
*=A: 30W, *=B: 40W, *=C: 60W, *=D: 80W, *=E: 100W

Prüfbericht-Nr. (Test Report No.)
HZ09040788-EMF01:2009-05-12
JSH107050017-001:2007-07-31
Einzelheiten siehe Anhang (Details see attachment)

Geprüft nach (Tested according to)
EN 62233:2008
EN 60335-2-45:2002+A1:08
EN 60335-1:2002+A11,A1:04+A12,A2:06+A13:08+A14:10+A15:11

Gültig bis (valid until)
2014-10-04
Erstellt am (Issued on)
2012-08-24



Intertek Deutschland GmbH
Dipl.-Ing. Peter Hartstein

Constructional Data Form (CDF)

<i>Certificate Holder:</i>	Cixi City Jielahua Electrical Appliance Co., Ltd. Linghu, Fanshi Town, Cixi City Zhejiang 315312 P. R. China
<i>Manufacturing Site:</i>	Cixi City Jielahua Electrical Appliance Co., Ltd. Linghu, Fanshi Town, Cixi City Zhejiang 315312 P. R. China
<i>Product:</i> <i>(in German)</i>	Lötkolben
<i>Product:</i> <i>(in English)</i>	Soldering iron
<i>Type:</i>	BL-505*, LL-116*, (*=A, B, C, D, E)
<i>Brandname:</i>	-
<i>Description:</i>	220-240V~, 50Hz, Schutzklasse I (Class I); *=A: 30W, *=B: 40W, *=C: 60W, *=D: 80W, *=E: 100W
<i>Test Report No.:</i>	HZ09040788-EMF01:2009-05-12 HZ09040788-EMF01+A1:2012-08-06 JSH107050017-001:2007-07-31 JSH107050017-001+A1:2009-05-27 JSH107050017-001+A2:2012-08-20
<i>Tested according to:</i>	EN 62233:2008 EN 60335-2-45:2002+A1:08 EN 60335-1:2002+A11;A1:04+A12;A2:06+A13:08+A14:10+A15:11
<i>Valid until:</i>	2014-10-04
<i>Issued on:</i>	2012-08-24

Product Information:
General product information

The appliances covered by this test report are hand-held soldering irons provided a separate metal stand, for ordinary use only.

BL-505 series and LL-116 series share the similar electrical construction and the same hearing elements.

For BL-505 series:

BL-505A, BL-505B, BL-505C are series appliances except the different power input and the size of metal end.
BL-505D and BL-505E are series appliances except the different power input.

For LL-116 series:

Every model is series appliance except different power input and different size and appearance of steel pipe and metal tips.

Copy of marking plate

(representative)


Product Pictures


Attachment to Certificate No.: 07SHW2153-03

List of Critical Components

Object / part No.	Manufacturer/ trademark ²⁾	Type / model ²⁾	Technical data	Standard	Mark(s) of conformity ¹⁾
Power cord	Ningbo Qiaopu Electric Co., Ltd.	H05VV-F	3X0,75 mm ² with green/yellow wire	DIN VDE 0281-5	VDE*/136970
-alternative	Cixi Shitong Cable & Wire Co., Ltd.	H05VV-F	3X0,75 mm ² with green/yellow wire	DIN VDE 0281-5	VDE*/40025863
-alternative	Zhejiang Shuangyang Group Co., Ltd.	H05VV-F	3X0,75 mm ² with green/yellow wire	DIN VDE 0281-5	VDE*/133506
-alternative	Ya Tai Wire Industry Co., Ltd.	H05VV-F	3X0,75 mm ² with green/yellow wire	DIN VDE 0281-5	VDE*/124158
-alternative	Various	H05VV-F	3X0,75 mm ² with green/yellow wire	DIN VDE 50525-2-11:2012	VDE* or other EU certification marks
Power plug	Cixi Shitong Cable & Wire Co., Ltd.	SD-03	250V~, 16A DIN 49441-R2	DIN VDE 0620-1	VDE*/40006660
-alternative	Various	Various (suitable for mentioned cord)	250V~, 16A DIN 49441-R2	DIN VDE 0620-1:2010	VDE* or other EU certification marks
Heating shrinkable tube	Dongguan Salipt Co., Ltd.	SALIPT S-901-300	AC 300V, T125, VW-1 (UL/E209436)	EN 60335-2-45	Tested with appliance
Mica paper	Beijing Anpu Material Co., Ltd.	--	0,3 minimum thickness	EN 60335-2-45	Tested with appliance
Internal wire	Kunshan Fire-Phoenix Wire & Cable Co., Ltd.	1727	600V, 18AWG, T250, VW-1 (UL/E309252)	EN 60335-2-45	Tested with appliance
Heating element	Jiangsu Wuxi Xishan Zone Yangjian Town Feida Pull Wire Factory	0Cr25Al5	220-240V~, 50Hz, 30W for BL-505A, LL-116A 40W for BL-505B, LL-116B 60W for BL-505C, LL-116C 80W for BL-505D, LL-116D 100W for BL-505E, LL-116E	EN 60335-2-45	Tested with appliance
Plastic of handle	Ningbo Tariff Free Zone Hexin Plasticization Co., Ltd.	PA	PA, Minimum thickness: 3mm, Natural, white, light green color	EN 60335-2-45 ZEK 01.4-08	Tested with appliance
Inner plastic of handle	Ningbo Tariff Free Zone Hexin Plasticization Co., Ltd.	PA	PA, Minimum thickness: 3mm	EN 60335-2-45	Tested with appliance
Screw used for press the supply cord for BL-505 series only	Cixi City Jielahua Electrical Appliance Co., Ltd.	Steel (oxidation)	M6X7,4mm	EN 60335-2-45	Tested with appliance
Sleeving for internal connection for LL-116 series only	SHENZHEN WAHCHANGWEI INDUSTRIAL CO LTD	SGS-15, SGS-25	Silicone coated fiberglass sleeving, 600V, 200°C, Minimum thickness: 1mm (UL/E233804)	EN 60335-2-45	Tested with appliance
Indicator cover for LL-116 series only	Idemitsu Kosan	IR2200	PC, Minimum thickness: 2mm, Transparent color	EN 60335-2-45 ZEK 01.4-08	Tested with appliance

¹⁾ An asterisk indicates a mark which assures the agreed level of surveillance.

²⁾ "Various" means any type from any manufacturer that complies with the specification can be used.

Attachment to Certificate No.: 07SHW2153-03

Modification Summary

The following changes have been made to this CDF:

Date	Local Project no.	Description of Change
2009-05-27	HZ09040788	1. A1:08 of EN 60335-2-45, A13:08 of EN 60335-1 and EN 62233: 2008 are newly concerned for all models 2. Add new plug and power cord.
2012-08-20	HZ12060533	Standards updated. Added new models LL-116*, (*=A, B, C, D, E), and also added related components. Added alternative power plug and power cords. Updated PAHs evaluation.

This CDF replaces previously issued CDF dated 2009-06-04.

Signed


 Dipl.-Ing. Peter Hartstein


Date 2012-08-24