


Prüfbericht-Nr.: Test Report No.:	15030403 016	Auftrags-Nr.: Order No.:	154331356	Seite 1 von 7 Page 1 of 7	
Kunden-Referenz-Nr.: Client Reference No.:	387988	Auftragsdatum: Order date:	2018-05-17		
Auftraggeber: Client:	Ningbo Heiger Electrical Appliances Co., Ltd. Chongshou Town, Industry Development Zone, Cixi City, Ningbo 315334, P.R. China				
Prüfgegenstand: Test item:	Steam iron				
Bezeichnung / Typ-Nr.: Identification / Type No.:	HG-7001-px; HG-7801-py; HG-7901-py; HG-7002-px; HG-7802-py; HG-7902-py; HG-7003-px (p=12, 18, 20, 22; x=N, C, T, DN, AN, ADN, CD, AC, ACD, AT, DT, ADT; y= ABC, ABN, ABT, ABCD, ABDN, ABDT, AC, AN, AT, ACD, ADN, ADT)				
Auftrags-Inhalt: Order content:	GS approval				
Prüfgrundlage: Test specification:	EN 60335-1:2012+A11+A13 EN 60335-2-3:2016		EN 62233 :2008 AfPS GS 2014:01		
Wareneingangsdatum: Date of receipt:	2018-05-18				
Prüfmuster-Nr.: Test sample No.:	A000743344-006				
Prüfzeitraum: Testing period:	2018-06-13				
Ort der Prüfung: Place of testing:	TÜV Rheinland (Shanghai) Co., Ltd.				
Prüflaboratorium: Testing laboratory:	TÜV Rheinland (Shanghai) Co., Ltd.				
Prüfergebnis*: Test result*:	Pass				
geprüft von / tested by: 2018-06-19 Una Wei/Trainee 2018-06-19 Juan Du/Trainer		kontrolliert von / reviewed by: 2018-06-19 Yi Zhuangcheng/TC			
Datum Date	Name/Stellung Name/Position	Unterschrift Signature	Datum Date	Name/Stellung Name/Position	Unterschrift Signature
Sonstiges / Other: This report is based on test report 15030403 001 to 015. The standards are updated from EN 60335-2-3:2002+A1+A2+A11 in conjunction with EN 60335-1:2012+A11 to EN 60335-2-3:2016 in conjunction with EN 60335-1:2012+A11+A13. The deviation between new standards and old standards were checked, and sample verification found the construction and components are same as before, no additional test deemed necessary.					
Attachment 1: 2 PfG 2516 report (5 pages)					
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:			Prüfmuster vollständig und unbeschädigt Test item complete and undamaged		
<p>* Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet</p> <p>Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested</p>					

TEST REPORT
IEC 60335-2-3
Safety of household and similar electrical appliances
Part 2: Particular requirements for electric irons

Report Number: 15030403 016
Date of issue: See cover page
Total number of pages: See cover page

Applicant's name.....:
Address

Test specification:

Standard: IEC 60335-2-3:2012 (Sixth edition) in conj. With
IEC 60335-1:2010 (Fifth Edition) incl. Corr. 1:2010 and Corr. 2:2011
+ A1:2013
Test procedure: GS approval
Non-standard test method.....: N/A

Test Report Form No......: IEC60335_2_3J
Test Report Form(s) Originator.....: Korea Testing Laboratory
Master TRF: Dated 2014-10

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This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.

Test item description	Steam Iron
Trade Mark	N/A
Manufacturer.....	Same as applicant
Model/Type reference	HG-7001-px; HG-7801-py; HG-7901-py; HG-7002-px; HG-7802-py; HG-7902-py; HG-7003-px (p=12, 18, 20, 22; x=N, C, T, DN, AN, ADN, CD, AC, ACD, AT, DT, ADT; y= ABC, ABN, ABT, ABCD, ABDN, ABDT, AC, AN, AT, ACD, ADN, ADT)
Ratings	Class I, AC 220-240V, 50/60Hz 1000-1400W for models of p=12 1600-2000W for models of p=18 1800-2200W for models of p=20 2000-2400W for models of p=22


Testing procedure and testing location:		
<input checked="" type="checkbox"/>	Testing Laboratory:	TÜV Rheinland (Shanghai) Co., Ltd.
Testing location/ address.....:		No.177, 178, Lane 777 West Guangzhong Road, Jing'an District, Shanghai, China
Tested by (name + signature).....:		See cover page
Approved by (name + signature).....:		See cover page
<input type="checkbox"/>	Testing procedure: TMP	N/A
Testing location/ address.....:		
Tested by (name + signature).....:		
Approved by (name + signature).....:		
<input type="checkbox"/>	Testing procedure: WMT	N/A
Testing location/ address.....:		
Tested by (name + signature).....:		
Witnessed by (name + signature)		
Approved by (name + signature).....:		
<input type="checkbox"/>	Testing procedure: SMT	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): See cover page	
Summary of testing:	
Tests performed (name of test and test clause): Sample verification performed on HG-7901-22ACD	Testing location: TÜV Rheinland (Shanghai) Co., Ltd. No.177, 178, Lane 777 West Guangzhong Road, Jing'an District, Shanghai, China
Summary of compliance with National Differences List of countries addressed: EU group difference	
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. N/A	

Test item particulars	
Classification of installation and use.....	Hand-held appliance
Supply Connection.....	Fixed power cord (type Y attachment)
.....	
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	See cover page
Date (s) of performance of tests.....	See cover page
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. EN 60335-1:2012/A13 has been taken into account.</p>	
Manufacturer's Declaration per sub-clause 4.2.5 of IEC 02:	
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 applicant / Manufacturer
General product information:	
<p>For 15030403 016: Standards are updated from EN 60335-2-3:2002+A1+A2+A11 in conjunction with EN 60335-1:2012+A11 to EN 60335-2-3:2016 in conjunction with EN 60335-1:2012+A11+A13.</p>	

Deviation of EN 60335-2-3:2016 from EN 60335-2-3:2002+A1+A2+A11			
Clause	Requirement + Test	Result - Remark	Verdict
22.7	Addition:		N/A
	Hoses that are subjected to the pressure within the boiler when the iron is placed on its rest or during normal use of the appliance are also subjected to the hydraulic pressure test.		N/A
22.106	Modification:		N/A
	The force necessary to withdraw the stand from the iron shall be at least 30 N.		N/A
22.107	Addition:		N/A
	Pressurized steam irons incorporating more than one boiler connected together shall incorporate a pressure-limiting protective device in each boiler.		N/A
25.7	Addition:		N/A
	Braided cords (code designation 60245 IEC 89) may be used.		N/A

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Kunden-Referenz-Nr.: <i>Client Reference No.:</i>	387988	Auftragsdatum: <i>Order date:</i>	2018-05-17	
Auftraggeber: <i>Client:</i>	Ningbo Heiger Electrical Appliances Co., Ltd. Chongshou Town, Industry Development Zone, Cixi City, Ningbo 315334, P.R. China			
Prüfgegenstand: <i>Test item:</i>	Steam iron			
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	HG-7901-22ACD			
Auftrags-Inhalt: <i>Order content:</i>	Type examination			
Prüfgrundlage: <i>Test specification:</i>	2 PfG 2516:2014-11 Checkliste für die Warenkontrollprüfung Checklist for the Product Control Test			
Wareneingangsdatum: <i>Date of receipt:</i>	2018-05-18			
Prüfmuster-Nr.: <i>Test sample No.:</i>	A000743344-			
Prüfzeitraum: <i>Testing period:</i>	2018-06-07			
Ort der Prüfung: <i>Place of testing:</i>	TÜV Rheinland (Shanghai) Co., Ltd.			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shanghai) Co., Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			



geprüft von / tested by:			kontrolliert von / reviewed by:		
2018-06-19	Una Wei/Trainee		2018-06-19	Yi Zhuangcheng/TC	
2018-06-19	Juan Du/Trainer				
Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>	Unterschrift <i>Signature</i>

Sonstiges / Other:
This report is based on 15030403 001 to 015.
Sample verification found the construction and components are same as before, and no additional tests need to be done.
Standard requirement: EN 60335-1: 2012+A11+A13, EN 60335-2-3: 2016.

Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>	Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>
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P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet

Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor
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Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.
This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.

V04

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Produktbeschreibung
Product description

1	Zertifikatsnummer <i>Certificate number</i>	S 50281110
2	Produkt <i>Product</i>	Steam iron
3	Produziert am <i>Manufactured at</i>	
4	Fertigungsstättennummer <i>Factory number</i>	387988

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Absatz	2 PfG 2516:2014-11	Messergebnisse - Bemerkungen	Bewertung
Clause	Anforderungen - Prüfungen / Requirements - Tests	Measuring results - Remarks	Evaluation
1	Produkt Product		
	Äußere Erscheinung des Musters stimmt mit der Fotodokumentation überein. <i>Outer appearance of the drawn sample is same as in photo documentation.</i>		P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>
	Interner Aufbau stimmt mit der Fotodokumentation überein. <i>Internal construction of the drawn sample is same as in photo documentation.</i>		P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>
	Es wurden nur sicherheitsrelevanten Komponenten verbaut, die CDF oder Prüfbericht benannt sind. <i>Only safety relevant components as described in CDF or Test Report have been used in the drawn sample.</i>		P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>
2	Typenschild Label		
	Das Typenschild entspricht dem zertifizierten. <i>The label is same as the certified one.</i>		P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>
	Der Ausweisinhaber, Importeur oder Bevollmächtigte ist auf dem Typenschild benannt. <i>The license holder, importer or authorized representative is displayed in the label.</i>		P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>
	Die Adresse (bei GS zwingend eine aus dem EWR) ist auf dem Typenschild benannt. <i>Complete postal address (for GS it must be a European address) is mentioned in the label.</i>		P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>
	Bei Fail: in Bedienungsanleitung angegeben <i>If fail: in the user manual</i>		
	Bei Fail: auf der Verpackung angegeben <i>if fail: on packaging</i>		
	Wenn eine CE Markierung notwendig ist, wurde diese auf dem Typenschild in dem richtigen Layout abgebildet. <i>If CE marking is mandatory, it's on the product and apparently complies with the design restrictions.</i>		P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>
	Wenn ein TÜV Rheinland Zeichen abgebildet ist, entspricht dies den Vorgaben. <i>In event a TUV Mark is displayed it complies with the design restrictions.</i>		P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>

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Absatz	2 PfG 2516:2014-11	Messergebnisse - Bemerkungen	Bewertung
Clause	Anforderungen - Prüfungen / Requirements - Tests	Measuring results - Remarks	Evaluation

3	Bedienungs-, Installations-, Aufbauanleitung User Manual, Installation - / Assembly Manual		
	Liegt in der richtigen Sprache vor, bei GS zwingend in deutscher Sprache, und entspricht dem zertifizierten. <i>Is available in the correct language (German version a must for GS) and the same as certified one.</i>		P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>
	Wenn ein TÜV Rheinland Zeichen abgebildet ist, entspricht dies den Vorgaben. <i>In event a TUV Mark is displayed it complies with the design restrictions.</i>		P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>
	Wenn eine Herstelleradresse angegeben ist, wurde diese komplett (bei GS zwingend eine Adresse im EWR) angegeben und stimmt mit der vom Typen-schild überein. <i>If the license holder and/or importer, authorized representative is displayed with address, it's complete (for GS it must be a European address) and correlates with the information on the rating label.</i>		P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>
	Wenn die Serviceadresse von der vom Hersteller, Importeur oder Bevollmächtigten abweicht, ist das akzeptabel. <i>If the address for service inquiries differs from manufacturer's, importer's or authorized representative's, it's acceptable.</i>		
4	Verpackung Packaging/Gift box		
	Wenn ein TÜV Rheinland Zeichen abgebildet ist, entspricht dies den Vorgaben. <i>In event a TUV Mark is displayed it complies with the design restrictions.</i>		P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>
	Der Ausweisinhaber, Importeur und/oder Bevollmächtigte ist mit auf der Verpackung benannt. <i>The license holder, importer and/or authorized representative are displayed with complete address on the packaging.</i>		P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>
	Auf der Verpackung wird das Produkt nicht anders beworben als es die Zertifizierung beschreibt. Z.B. Kinder werden mit der Verpackung explizit angesprochen und aus dem Zertifikat geht hervor, dass es kein Spielzeug ist. <i>Packaging does not imply another use as certified. E.g. the package explicitly addresses but the certificate excludes use by children.</i>		P <input checked="" type="checkbox"/> F <input type="checkbox"/> N/A <input type="checkbox"/> N/T <input type="checkbox"/>

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ZUSATZ-DOKUMENTATION
ADDITIONAL DOCUMENTATION

Nachweise für die in der Checkliste benannten Punkte:
Evidences found during Product Verification Test:

