

No. CANEC1317437701

Date: 26 Nov 2013

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ZHONGSHAN CAMRY ELECTRONIC CO., LTD

BAISHAWAN INDUSTRIAL PARK, QIWAN ROAD EAST, EAST DISTRICT, ZHONGSHAN, GUANGDONG CHINA

Sample Name: Electronic Hand Dynamometer

SGS Job No.: CP13-058399 - GZ

Tested Basic Model No. EF922

(P.O. No.):

Tested Extended Model No. EH101

(P.O. No.):

Date of Sample Received: 11 Nov 2013

Verification Period: 11 Nov 2013 - 26 Nov 2013

Verification Requested: With reference to RoHS Directive 2011/65/EU recasting 2002/95/EC.

Verification Method : Please refer to next page(s).

Verification Result : Please refer to next page(s).

Verification Conclusion: Based on the review of previous reports and verification results of the submitted

samples, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs)

comply with the RoHS Directive 2011/65/EU recasting 2002/95/EC.

According to the declaration from client, the materials of other parts in product "Electronic Hand Dynamometer" (model EH101) are the same as those in product "Body Fat/ Hydration Monitor Scale" (model EF922) on report CANEC1307857301

(data and photos are shown on report CANEC1307857301)

Note: The test results are related only to the tested items. The report shall not be

reproduced except in full without the written approval of the testing laboratory.

Signed for and on behalf of SGS-CSTC Ltd.

JENNY LIAO

Approved Signatory



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Verification Method:

- 1. With reference to IEC 62321-2:2013, review was performed for the samples disjointed from the submitted articles and the related test reports submitted by the Applicant
- 2. With reference to IEC 62321-1:2013, tests were performed for the samples indicated by the photos in the report.
- (1) With reference to IEC 62321-3-1: 2013, screening by EDXRF Spectroscopy (2) Wet Chemical Test Method:
- a. With reference to IEC 62321-5:2013, determination of Cadmium by ICP-OES.
- b. With reference to IEC 62321-5:2013, determination of Lead by ICP-OES.
- c. With reference to IEC 62321-4:2013, determination of Mercury by ICP-OES.
- d. With reference to IEC 62321:2008, determination of Hexavalent Chromium by spot test / Colorimetric Method using UV-Vis.
- e. With reference to IEC 62321:2008, determination of PBBs and PBDEs by GC-MS.



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Part No.	Part Description	BOM No.	Restricted Substances	Results of EDXRF (1)	Result of Wet Chemical Testing(2) (mg/kg)	Conclusion on EU RoHS	Sample Submitted / Resubmitted Date
1	Grey plastic shell w/ black		Pb	BL		Comply	11 Nov 2013
	printing		Cd	BL		Comply	
			Hg	BL		Comply	
			Cr(VI)	BL		Comply	
			PBBs	BL		Comply	
			PBDEs	BL		Comply	
2	White plastic button w/		Pb	BL		Comply	11 Nov 2013
	white printing (on No.1)		Cd	BL		Comply	111101 2010
			Hg	BL		Comply	
			Cr(VI)	BL		Comply	
			PBBs	BL		Comply	
			PBDEs	BL		Comply	
3	White plastic handle (on		Pb	BL		Comply	11 Nov 2013
	No.1)		Cd	BL		Comply	111107 2010
			Hg	BL		Comply	
			Cr(VI)	BL		Comply	
			PBBs	BL		Comply	
			PBDEs	BL		Comply	
4	White plastic part (on		Pb	BL		Comply	11 Nov 2013
	No.1)		Cd	BL		Comply	
			Hg	BL		Comply	
			Cr(VI)	BL		Comply	
			PBBs	BL		Comply	
			PBDEs	BL		Comply	



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Part No.	Part Description	BOM No.	Restricted Substances	Results of EDXRF (1)	Result of Wet Chemical Testing(2) (mg/kg)	Conclusion on EU RoHS	Sample Submitted / Resubmitted Date
5	Grey plastic cover (on		Pb	BL		Comply	11 Nov 2013
	No.1)		Cd	BL		Comply	
			Hg	BL		Comply	
			Cr(VI)	BL		Comply	
			PBBs	BL		Comply	
			PBDEs	BL		Comply	
6	Silvery metal screw (on		Pb	BL		Comply	11 Nov 2013
	No.1)		Cd	BL		Comply	
			Hg	BL		Comply	
			Cr(VI)	BL		Comply	
			PBBs				
			PBDEs				
7	Grey plastic sheet (on		Pb	BL		Comply	11 Nov 2013
	No.3)		Cd	BL		Comply	
			Hg	BL		Comply	
			Cr(VI)	BL		Comply	
			PBBs	BL		Comply	
			PBDEs	BL		Comply	
8	Silvery metal screw (on		Pb	BL		Comply	11 Nov 2013
	No.7)		Cd	BL		Comply	
			Hg	BL		Comply	
			Cr(VI)	BL		Comply	
			PBBs				
			PBDEs				



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Part No.	Part Description	BOM No.	Restricted Substances	Results of EDXRF (1)	Result of Wet Chemical Testing(2) (mg/kg)	Conclusion on EU RoHS	Sample Submitted / Resubmitted Date
9	Silvery metal screw (in		Pb	BL		Comply	11 Nov 2013
	No.4)		Cd	BL		Comply	
			Hg	BL		Comply	
			Cr(VI)	BL		Comply	
			PBBs				
			PBDEs				
10	Silvery metal shaft (in		Pb	BL		Comply	11 Nov 2013
	No.3)		Cd	BL		Comply	
			Hg	BL		Comply	
			Cr(VI)	BL		Comply	
			PBBs				
			PBDEs				
11	Black surfaced metal		Pb	BL		Comply	11 Nov 2013
	spring (on No.10)		Cd	BL		Comply	
			Hg	BL		Comply	
			Cr(VI)	BL		Comply	
			PBBs				
			PBDEs				
12	Black surfaced metal		Pb	BL		Comply	11 Nov 2013
	spring (small) (on No.10)		Cd	BL		Comply	
			Hg	BL		Comply	
			Cr(VI)	BL		Comply	
			PBBs				
			PBDEs				



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Part No.	Part Description	BOM No.	Restricted Substances	Results of EDXRF (1)	Result of Wet Chemical Testing(2) (mg/kg)	Conclusion on EU RoHS	Sample Submitted / Resubmitted Date
13	Silvery metal part (on		Pb	BL		Comply	11 Nov 2013
	No.10)		Cd	BL		Comply	
			Hg	BL		Comply	
			Cr(VI)	BL		Comply	
			PBBs				
			PBDEs				
14	Silvery metal part (in		Pb	BL		Comply	11 Nov 2013
	No.1)		Cd	BL		Comply	111100 2013
			Hg	BL		Comply	
			Cr(VI)	BL		Comply	
			PBBs				
			PBDEs				
15	Silvery metal (battery		Pb	BL		Comply	11 Nov 2013
	sheet) (in No.1)		Cd	BL		Comply	
			Hg	BL		Comply	
			Cr(VI)	BL		Comply	
			PBBs				
			PBDEs				
16	Silvery metal screw (on		Pb	BL		Comply	11 Nov 2013
	No.14)		Cd	BL		Comply	
			Hg	BL		Comply	
			Cr(VI)	BL		Comply	
			PBBs				
			PBDEs				



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Part No.	Part Description	BOM No.	Restricted Substances	Results of EDXRF (1)	Result of Wet Chemical Testing(2) (mg/kg)	Conclusion on EU RoHS	Sample Submitted / Resubmitted Date
17	Silvery metal (solder) (on		Pb	BL		Comply	11 Nov 2013
	No.15)		Cd	BL		Comply	
			Hg	BL		Comply	
			Cr(VI)	BL		Comply	
			PBBs				
			PBDEs				
18	Green "PCB" (in No.1)		Pb	BL		Comply	11 Nov 2013
	, ,		Cd	BL		Comply	
			Hg	BL		Comply	
			Cr(VI)	BL		Comply	
			PBBs	IN	ND	Comply	
			PBDEs	IN	ND	Comply	
19	Silvery metal spring (on		Pb	BL		Comply	11 Nov 2013
	No.18)		Cd	BL		Comply	
			Hg	BL		Comply	
			Cr(VI)	BL		Comply	
			PBBs				
			PBDEs				
20	Silvery metal shell (on		Pb	BL		Comply	11 Nov 2013
	No.18)		Cd	BL		Comply	
			Hg	BL		Comply	
			Cr(VI)	BL		Comply	
			PBBs				
			PBDEs				



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Part No.	Part Description	BOM No.	Restricted Substances	Results of EDXRF (1)	Result of Wet Chemical Testing(2) (mg/kg)	Conclusion on EU RoHS	Sample Submitted / Resubmitted Date
21	Green "PCB" (on No.18)		Pb	BL		Comply	11 Nov 2013
			Cd	BL		Comply	
			Hg	BL		Comply	
			Cr(VI)	BL		Comply	
			PBBs	IN	ND	Comply	
			PBDEs	IN	ND	Comply	
22	Silvery metal (solder) (on		Pb	BL		Comply	11 Nov 2013
	No.18)		Cd	BL		Comply	111100 2013
			Hg	BL		Comply	
			Cr(VI)	BL		Comply	
			PBBs				
			PBDEs				
23	Black plastic button (on		Pb	BL		Comply	11 Nov 2013
	No.20)		Cd	BL		Comply	
			Hg	BL		Comply	
			Cr(VI)	BL		Comply	
			PBBs	BL		Comply	
			PBDEs	BL		Comply	
24	Copper-colored/ silvery		Pb	BL		Comply	11 Nov 2013
	metal sheet (in No.20)		Cd	BL		Comply	
			Hg	BL		Comply	
			Cr(VI)	BL		Comply	
			PBBs				
			PBDEs				



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Part No.	Part Description	BOM No.	Restricted Substances	Results of EDXRF (1)	Result of Wet Chemical Testing(2) (mg/kg)	Conclusion on EU RoHS	Sample Submitted / Resubmitted Date
25 -C	Black plastic base (in		Pb	BL		Comply	11 Nov 2013
	No.20)		Cd	BL		Comply	19 Nov 2013
			Hg	BL		Comply	
			Cr(VI)	BL		Comply	
			PBBs	IN	ND	Comply	
			PBDEs	IN	ND	Comply	
26	Silvery metal pin (in		Pb	BL		Comply	11 Nov 2013
	No.25)		Cd	BL		Comply	111100 2010
			Hg	BL		Comply	
			Cr(VI)	BL		Comply	
			PBBs				
			PBDEs				



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Remark:

- (1) (a) There are the results on total Br while test items on restricted substances are PBBs and PBDEs. There is the result on total Cr while test item on restricted substances is Cr(VI).
 - (b) Results are obtained by EDXRF for primary screening, and further chemical testing by ICP-OES (for Cd, Pb, Hg), UV-Vis (for Cr(VI)) and GC-MS (for PBBs, PBDEs) is recommended to be performed, if the concentration exceeds the below warning value according to IEC62321-3-1:2013 (unit: mg/kg).

Element	Polymer	Metal	Composite Materials	
Cd	BL ≤(70-3σ)< X <(130+3σ)≤OL	BL ≤(70-3σ)< X <(130+3σ)≤OL	LOD < X <(150+3σ)≤ OL	
Pb	BL ≤(700-3σ)< X<(1300+3σ)≤ OL	BL ≤(700-3σ)< X <(1300+3σ)≤ OL	BL ≤(500-3σ)< X<(1500+3σ)≤ OL	
Hg	BL ≤(700-3σ)< X <(1300+3σ)≤ OL	BL ≤(700-3σ)< X <(1300+3σ)≤ OL	BL ≤(500-3σ)< X <(1500+3σ)≤ OL	
Br	BL ≤ (300-3σ)< X		BL ≤ (250-3σ)< X	
Cr	BL ≤ (700-3σ)< X	BL ≤ (700-3σ)< X	BL ≤ (500-3σ)< X	

- (c) BL = Below Limit, OL = Over Limit, IN = Inconclusive, LOD = Limit of Detection, -- = Not regulated.
- (d) The XRF screening test for RoHS elements The reading may be different to the actual content in the sample be of non-uniformity composition.
- (2) (a) mg/kg = 0.0001%, MDL = Method detection Limit, ND = Not Detected (<MDL), --- = Not conducted, = Without BOM.
 - (b) Unit and MDL in wet chemical test

Test Item	Pb	Cd	Hg
Unit	mg/kg	mg/kg	mg/kg
MDL	2	2	2

The MDL for single compound of PBBs and PBDEs is 5 mg/kg, MDL of Cr(VI) for polymer and composite sample is 2 mg/kg.

(c) According to IEC 62321:2008, result on Cr(VI) for metal sample is shown as Positive/Negative. Negative = Absence of Cr(VI) coating, Positive = Presence of Cr(VI) coating.

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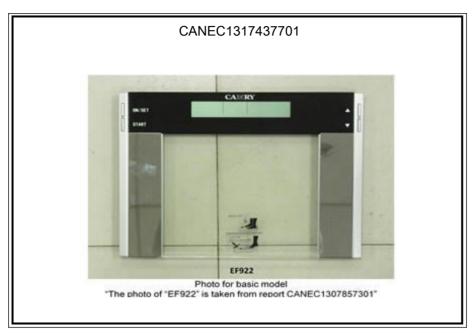


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Sample photo:





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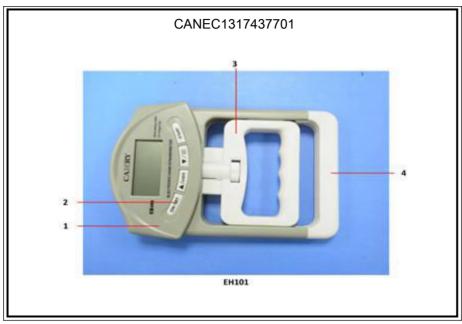
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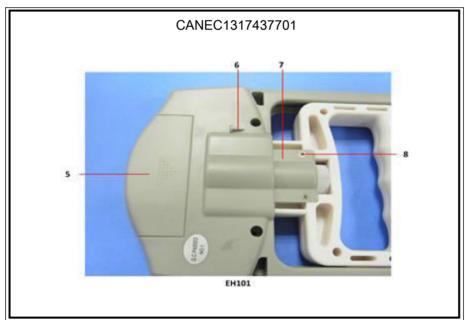


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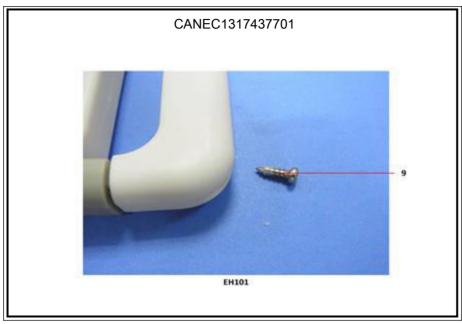
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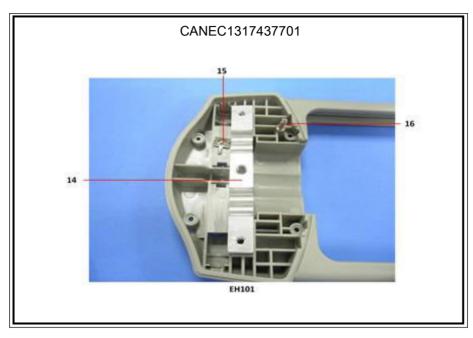
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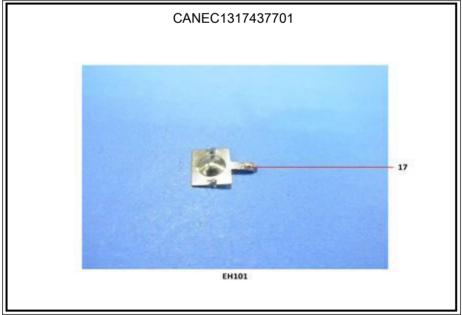


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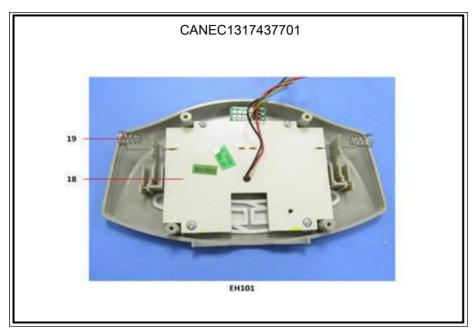


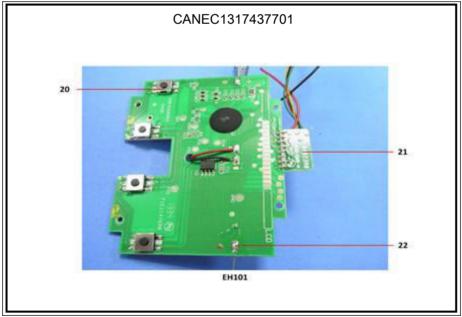


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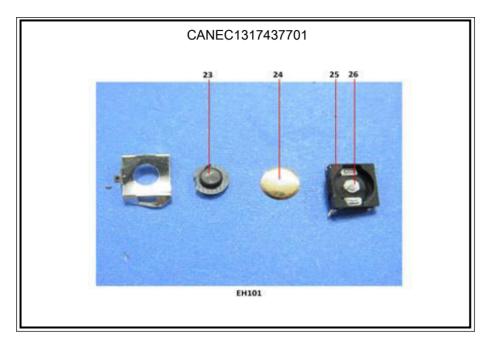
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