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SHENZHEN SVAVO BATHROOM PRODUCTS CO., LTD NO.4 FACTORY, XINWU VILLAGE, SHABO, PINGSHAN STREET, LONGGANG DISTRICT, SHENZHEN

Sample Description : Auto perfume dispenser

SGS Ref No. : SZ12362954

Test Model No. : V-850

Verification Period : JAN 25, 2010 TO FEB 10, 2010

Verification Requested : With reference to RoHS Directive 2002/95/EC, and its amendment directives

Verification Method 1. Review was performed for the samples disjointed from the submitted articles and the related test reports submitted by the Applicant

Tests was performed for the samples indicated by the photos in the report with test methods reference to IEC 62321:2008: Procedures for the Determination of Levels of Six Regulated substances in Electrotechnical Products

(1) Screening by XRF Spectroscopy

(2) Wet Chemical Test Method

a. Determination of Hexavalent Chromium by Colorimetric Method.

b. Determination of PBBs and PBDEs by GC/MS.

Verification Results : Please refer to next page

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

samples, the results comply with the RoHS Directive 2002/95/EC and its

subsequent amendments.

Remark : According to the declaration from the applicant, Model V-850 has other names as

V-860, V-870, V-250, V-840, V-140 which meet different requirements of

applicant's buyers.

Signed for and on behalf of SGS-CSTC Ltd.

tes Co. Ltd.

Shining Deng Sr. Engineer

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This solderwise stated the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company.



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#### **Details on Verification**

In accordance with the result of material risk assessment, the following disjointed parts in the submitted sample have been verified.

Part No.	Part Name	Restricted Substances	Results of EDXRF <sup>(1)</sup>	No. of Related Test Report	Results in Related Test Report(mg/kg)	Result of Wet Chemical Testing <sup>(2)</sup> (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
1	White plastic	Hg	BL	\	\	\	Comply	Jan 25, 2010
'	shell	Cr <sup>6+</sup>	BL	\	\	\	Comply	Jan 25, 2010
		PBBs	BL		\	\	Comply	
		PBDEs	DL		\	\	Comply	
		Cd	BL		\	\	Comply	
	Blue transparent	Pb	BL		\	\	Comply	
2	plastic sheet (on	Hg	BL	\	\	\	Comply	Jan 25, 2010
	No.1)	Cr <sup>6+</sup>	BL	\	\	\	Comply	Jan 25, 2010
	140.1)	PBBs	BL		\	\	Comply	
		PBDEs	BL		\	\	Comply	
		Cd	BL		\	\	Comply	
	<b>5</b> 1 1 1 11	Pb	BL		,	\	Comply	
•	Black plastic	Hg	BL	,	,	,	Comply	
3	(wire insulation)	Cr <sup>6+</sup>	BL	- \	,	,	Comply	Jan 25, 2010
	(in No.1)	PBBs			,	\	Comply	
		PBDEs	BL		,	\	Comply	
		Cd	BL		,	\	Comply	
	Silvery metal	Pb	BL	\	\	\	Comply	
	sheet	Hg	BL		\	\	Comply	
4	(connected w/	Cr <sup>6+</sup>	IN		\	Negative	Comply	Jan 25, 2010
	No.3)	PBBs	114		\	Negative	Comply	
	140.0)	PBDEs			\	\	\	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
	Silvery metal	Hg	BL		\	\	Comply	
5	spring (on No.4)	□g Cr <sup>6+</sup>	BL	\	\	\	Comply	Jan 25, 2010
	spinig (on No.4)	PBBs	DL		\	\	Comply	
		PBDEs			\	\	\	
			DI		\	\	\ O	
		Cd	BL		\	\	Comply	
	0.11	Pb	BL		\	\	Comply	
6	Silvery metal	Hg	BL	\	\	\	Comply	Jan 25, 2010
	screw (on No.1)	Cr <sup>6+</sup>	BL	1	\	\	Comply	oan 20, 2010
		PBBs			\	\	\	
		PBDEs			\	\	\	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	]
7	Green "PCB" (in	Hg	BL	\	\	\	Comply	Jan 25, 2010
	No.1)	Cr <sup>6+</sup>	BL	,	\	\	Comply	23 20, 2010
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	

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Part No.	Part Name	Restricted Substances	Results of EDXRF <sup>(1)</sup>	No. of Related Test Report	Results in Related Test Report(mg/kg)	Result of Wet Chemical Testing <sup>(2)</sup> (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
		Cd	BL		\	\	Comply	
	Cilvany matal	Pb	BL		\	\	Comply	
8	Silvery metal screw (small)	Hg	BL	\	\	\	Comply	Jan 25, 2010
0	(on No.7)	Cr <sup>6+</sup>	BL	1	\	\	Comply	Jan 25, 2010
	(011110.7)	PBBs			\	\	\	
		PBDEs			\	\	\	
		Cd	BL		\	\	Comply	
	Dlack bady w/	Pb	BL		\	\	Comply	
9	Black body w/ brown printing	Hg	BL	\	\	\	Comply	lan 05 0010
9	(U1 on No.7)	Cr <sup>6+</sup>	BL	\	\	\	Comply	Jan 25, 2010
	(01 011 100.7)	PBBs			\	N.D.	Comply	
		PBDEs	IN		\	N.D.	Comply	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
	Silvery metal	Ha	BL	,	,	\	Comply	
10	screw (big) (on	Cr <sup>6+</sup>	IN	-	\	Negative	Comply	Jan 25, 2010
	No.7)	PBBs			,	\	\	
		PBDEs			,	\	,	
		Cd	BL		,	\	Comply	
		Pb	BL	,	\	\	Comply	lon 05, 0010
	Silvery metal	Hg	BL		,	\	Comply	
11	(solder on No.7)	Cr <sup>6+</sup>	BL	\	,	\	Comply	Jan 25, 2010
	(00.00. 0)	PBBs		-	,	\	\	
		PBDEs			\	\	\	
		Cd	BL		,	\	Comply	
		Pb	BL		,	,	Comply	
	White plastic	Hg	BL		,	,	Comply	
12	part (on No.7)	Cr <sup>6+</sup>	BL	\	,	\	Comply	Jan 25, 2010
		PBBs			\	\	Comply	
		PBDEs	BL		,	\	Comply	
		Cd	BL		,	,	Comply	
		Pb	BL	-	\	\	Comply	
	Black body (Q1	Hg	BL		\	\	Comply	
13	on No.7)	Cr <sup>6+</sup>	BL	\	\	\	Comply	Jan 25, 2010
	011110.11	PBBs		-	\	N.D.	Comply	
		PBDEs	IN		\	N.D.	Comply	
		Cd	BL		\	۱۷.۵.	Comply	
	Red plastic (wire	Pb	BL	-	\	\	Comply	
	insulation)	Hg	BL	┥	\	\	Comply	( I
14	(connected w/	⊓g Cr <sup>6+</sup>	BL	\	\	\	Comply	Jan 25, 2010
	No.7)	PBBs	DL	-	\	\	Comply	
	140.7)	PBDEs	BL		'	\		
		PRDES			\	\	Comply	

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Part No.	Part Name	Restricted Substances	Results of EDXRF <sup>(1)</sup>	No. of Related Test Report	Results in Related Test Report(mg/kg)	Result of Wet Chemical Testing <sup>(2)</sup> (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
		Cd	BL		\	\	Comply	
	Cil a m ma a tal	Pb	BL	1	\	\	Comply	
15	Silvery metal	Hg	BL	\	\	\	Comply	In a OF 0010
15	shell (SW3 on No.7)	Cr <sup>6</sup> +	BL	<b>1</b> '	\	\	Comply	Jan 25, 2010
	NO.7)	PBBs		1	\	\	\	
		PBDEs			\	\	\	
		Cd	BL		\	\	Comply	
	Black plastic w/	Pb	BL	1	\	\	Comply	
10	white printing	Hg	BL	1 ,	\	\	Comply	In 05 0010
16	(outer shell) (C1	Cr <sup>ŏ+</sup>	BL	\	\	\	Comply	Jan 25, 2010
	on No.3)	PBBs	DI.	1	\	\	Comply	
		PBDEs	BL		\	\	Comply	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
47	Black plastic	Hg	BL	\	\	\	Comply	Jan 25, 2010
17	button (in No.15)	Cr <sup>6</sup> +	BL		\	\	Comply	
	(	PBBs			,	,	Comply	
		PBDEs	BL		1	,	Comply	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
4.0	Black surfaced	Hg	BL	,	,	,	Comply	
18	metal spring (in	Cr <sup>6+</sup>	BL	\	,	,	Comply	Jan 25, 2010
	No.17)	PBBs			\	,	\	
		PBDEs			1	,	,	
		Cd	BL		\	\	Comply	
		Pb	BL		,	,	Comply	
40	Orange plastic	Hg	BL	,	1	,	Comply	Jan 25, 2010
19	board (in No.15)	Cr <sup>6+</sup>	BL	\	,	,	Comply	
	,	PBBs			1	,	Comply	
		PBDEs	BL		,	\	Comply	
		Cd	BL		\	\	Comply	
		Pb	BL		,	\	Comply	
	Silvery metal		BL		,	\	Comply	
20	shell (in No.15)	Hg Cr <sup>6+</sup>	BL	\	,	\	Comply	Jan 25, 2010
	(()	PBBs			\	\	\	
		PBDEs			,	\	\	
		Cd	BL		,	,	Comply	
		Pb	BL		,	,	Comply	
	Silvery metal pin	Hg	BL		,	,	Comply	
21	(in No.15)	Cr <sup>6+</sup>	BL	\	,	,	Comply	Jan 25, 2010
	()	PBBs			,	,	\	
		PBDEs			,	,	,	

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C   Shaft (on No.23)	Part No.	Part Name	Restricted Substances	Results of EDXRF <sup>(1)</sup>	No. of Related Test Report	Results in Related Test Report(mg/kg)	Result of Wet Chemical Testing <sup>(2)</sup> (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
Silvery metal bead (in No.17)			Cd	BL		\	\	Comply	
Dead (in No.17)				BL		\	\	Comply	I 05 0040
Dead (in No.17)	22	Silvery metal	Hg	BL	,	\	\		
PBDEs   Cd   BL	22	bead (in No.17)	Cr <sup>6+</sup>	IN	\	\	Negative	Comply	Jan 25, 2010
PBDEs			PBBs			\	\	\	
Silvery metal sheet (in No.1)			PBDEs			\	\	\	
Silvery metal sheet (in No.1)			Cd	BL		\	\	Comply	
Sheet (in No.1)			Pb	BL		\	\	Comply	
Sheet (in No.1)	22	Silvery metal	Hg	BL	,	\	\	Comply	lon 05, 0010
PBDEs	23	sheet (in No.1)	Cr <sup>6+</sup>	BL	\	\	\	Comply	Jan 25, 2010
PBDEs			PBBs			\	\	\	
Silvery metal screw (short) (on No.23)			PBDEs			\	\	\	
Silvery metal screw (short) (on No.23)			Cd	BL		\	\	Comply	
Salvery filed ascrew (short) (on No.23)   Hg   BL		0.11	Pb	BL		\	\		
Screw (short) (of No.23)	0.4		Hg	BL	1 ,	\	\		In 05 0010
PBBs	24		Cr <sup>6+</sup>	IN	- -	\	Negative		Jan 25, 2010
PBDEs			PBBs			\	\	\	
Silvery metal screw (long) (on No.23)			PBDEs			\	\	\	
Silvery metal screw (long) (on No.23)			Cd	BL		\	\	Comply	
Silvery metal screw (long) (on No.23)		0.1		BL		\	\		
Screw (long) (or   No.23)	0.5	Silvery metal		BL		\	\		In 05 0010
PBBs	25			BL	\	\	\		Jan 25, 2010
PBDES   Cd   BL		140.23)	PBBs			\	\	\'	
Cd   BL						\	\	\	
Pb				BL		\	\	Comply	
C			Pb	BL		\	\		
C   Shaft (on No.23)	26-	Silvery metal	Ha	BL	,	\	\		Jan 25, 2010/
PBBs	С		Cr <sup>6</sup> +		1	\	\		Feb 08, 2010
PBDEs			PBBs			\	\	\	
Pb   BL			PBDEs			\	\	\	1
Pb   BL			Cd	BL		\	\	Comply	
White plastic gear (on No.26)						\	\		
PBBs   BL	07	White plastic		BL	1,	\	\		Jan 25, 2010
PBBs   BL	27		Cr <sup>6+</sup>		· \	\	\		
PBDEs		,			=	,	,		
Cd   BL   \				BL		,	\		
Pb   BL				BI		\	\		
28 White plastic part (on No.23)					1	,	,		
part (on No.23) Cr <sup>6+</sup> BL \ \ Comply	0.5	White plastic			1 .	,	,		
	28		Cr <sup>6+</sup>		\	,	,		Jan 25, 2010
I PBBS I   \		[	PBBs		1	,	,	Comply	
PBDEs BL \ \ \ Comply				BL		\	,		

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Part No.	Part Name	Restricted Substances	Results of EDXRF <sup>(1)</sup>	No. of Related Test Report	Results in Related Test Report(mg/kg)	Result of Wet Chemical Testing <sup>(2)</sup> (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
		Cd	BL		\	\	Comply	
	Diagle acode a a d	Pb	BL		\	\	Comply	
29	Black surfaced metal clamp (on	Hg	BL	\	\	\	Comply	Jan 25, 2010
29	No.28)	Cr <sup>6+</sup>	BL	,	\	\	Comply	Jan 25, 2010
	140.20)	PBBs		1	\	\	\	
		PBDEs			\	\	\	
		Cd	BL		\	\	Comply	
	Cilvany matal	Pb	BL		\	\	Comply	
30	Silvery metal (motor shell) (in	Hg	BL	\	\	\	Comply	Jan 25, 2010
30	No.1)	Cr <sup>6+</sup>	IN	\	\	Negative	Comply	Jan 25, 2010
	140.1)	PBBs		1	\	\	\	
		PBDEs			\	\	\	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
31	Silvery metal	Hg	BL	\	\	\	Comply	Jan 25, 2010
31	shaft (in No.30)	Cr <sup>6</sup> +	IN		\	Negative	Comply	
		PBBs			\	\	\	
		PBDEs			\	\	\	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
32	Beige plastic	Hg	BL	,	\	\	Comply	I 05 0010
32	shell (on No.30)	Cr <sup>δ</sup> +	BL	\	\	\	Comply	Jan 25, 2010
		PBBs	Di	1	\	\	Comply	
		PBDEs	BL		\	\	Comply	
		Cd	BL		\	\	Comply	
		Pb	BL	1	\	\	Comply	
33	Silvery metal pin	Hg	BL	,	\	\	Comply	I 05 0010
33	(on No.32)	Cr <sup>ŏ</sup> +	BL	\	\	\	Comply	Jan 25, 2010
		PBBs			\	\	\	
		PBDEs			\	\	\	
		Cd	BL		\	\	Comply	
	0.1	Pb	BL	1	\	\	Comply	
24	Silvery metal	Hg	BL	,	\	\	Comply	lan 05 0010
34	(solder on No.33)	Cr <sup>6</sup> +	BL	\	\	\	Comply	Jan 25, 2010
	140.33)	PBBs		†	\	\	\	
		PBDEs			\	\	\	
		Cd	BL		\	\	Comply	
		Pb	BL	1	\	\	Comply	1
0.5	Silvery metal	Hg	BL	\	,	,	Comply	In 05 0040
35	sheet (in No.32)	Cr <sup>6+</sup>	BL		,	,	Comply	Jan 25, 2010
	, ,	PBBs		1	\	,	\	
		PBDEs			,	,	,	

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Part No.	Part Name	Restricted Substances	Results of EDXRF <sup>(1)</sup>	No. of Related Test Report	Results in Related Test Report(mg/kg)	Result of Wet Chemical Testing <sup>(2)</sup> (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
36	Silvery metal	Hg	BL	\	\	\	Comply	Jan 25, 2010
30	part (in No.32)	Cr <sup>6+</sup>	BL	<b>\</b>	\	\	Comply	Jan 25, 2010
		PBBs		1	\	\	\	
		PBDEs			\	\	\	
		Cd	BL		\	\	Comply	
	Copper-colored	Pb	BL	1	\	\	Comply	
37	metal ring (on	Hg	BL	\	\	\	Comply	Jan 25, 2010
37	No.31)	Cr <sup>6+</sup>	IN	<b>\</b>	\	Negative	Comply	Jan 25, 2010
	140.51)	PBBs			\	\	\	
		PBDEs			\	\	\	
		Cd	BL		\	\	Comply	
	Silvery metal	Pb	BL		\	\	Comply	
38	(silicon steel	Hg	BL	\	\	\	Comply	Jan 25, 2010
30	sheet) (on	Cr <sup>6+</sup>	IN		\	Negative	Comply	
	No.31)	PBBs			\	\	\	
		PBDEs			\	\	\	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
39	White plastic sheet (on No.38)	Hg	BL	\	\	\	Comply	Jan 25, 2010
39		Cr <sup>6+</sup>	BL		\	\	Comply	Jan 25, 2010
		PBBs	BL	1	\	\	Comply	
		PBDEs	DL		\	\	Comply	
		Cd	BL		\	\	Comply	
	Black material	Pb	BL		\	\	Comply	
40	ring w/ silvery	Hg	BL	\	\	\	Comply	Jan 25, 2010
40	surface (on	Cr <sup>6+</sup>	BL	\	\	\	Comply	
	No.31)	PBBs	BL	1	\	\	Comply	
		PBDEs	DL		\	\	Comply	
		Cd	BL		\	\	Comply	
		Pb	BL	1	\	\	Comply	
41	Black plastic ring	Hg Cr <sup>6+</sup>	BL	,	\	\	Comply	lon 25, 2010
41	(on No.31)		BL	\	\	\	Comply	Jan 25, 2010
		PBBs	BL		\	\	Comply	
		PBDEs	DL		\	\	Comply	
		Cd	BL		\	\	Comply	
		Pb	BL	1	\	\	Comply	
42	Silvery metal	Hg	BL	1 ,	\	\	Comply	lon 05 0010
42	sheet (on No.31)	Cr <sup>6+</sup>	BL	\	\	\	Comply	Jan 25, 2010
	, ,	PBBs		1	\	\	\	
		PBDEs			\	\	\	

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Part No.	Part Name	Restricted Substances	Results of EDXRF <sup>(1)</sup>	No. of Related Test Report	Results in Related Test Report(mg/kg)	Result of Wet Chemical Testing <sup>(2)</sup> (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
43	White plastic	Hg	BL	\	\	\	Comply	Jan 25, 2010
43	ring (on No.31)	Cr <sup>6+</sup>	BL	<b>\</b>	\	\	Comply	Jan 25, 2010
		PBBs	BL		\	\	Comply	
		PBDEs	DL		\	\	Comply	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
44	Beige plastic	Hg	BL	\	\	\	Comply	lan 05 0010
44	part (on No.40)	Cr <sup>6+</sup>	BL	\	\	\	Comply	Jan 25, 2010
		PBBs	D.		\	\	Comply	
		PBDEs	BL		\	\	Comply	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
	Silvery metal	Ha	BL	,	,	,	Comply	
45	(solder on	Cr <sup>6+</sup>	BL	- \	\	\	Comply	Jan 25, 2010
	No.40)	PBBs			\	\	\	
		PBDEs			\	\	\	
		Cd	BL		,	\	Comply	
		Pb	BL	-	,	\	Comply	
	White plastic	Hg	BL		\	\	Comply	
46	part (in No.1)	Cr <sup>6+</sup>	BL	\	\	\	Comply	Jan 25, 2010
	part (iii rtorr)	PBBs			,	\	Comply	
		PBDEs	BL		\	\	Comply	
		Cd	BL		\	\	Comply	
		Pb	BL	-	\	\	Comply	
	Silvery metal	Hg	BL	-	\	\	Comply	
47	screw (on	⊓g Cr <sup>6+</sup>	BL	\	\	\	Comply	Jan 25, 2010
	No.46)	PBBs	DL DL	-	\	\	Comply	
		PBDEs			\	\	\	
			DI		\	\	\ Carrentin	
	Dia ak mia atia/	Cd Pb	BL BL		\	\	Comply	
	Black plastic w/ white printing	Hg	BL		\	\	Comply	
48	(heat shrinkable	Hg Cr <sup>6+</sup>		\	\	\	Comply	Jan 25, 2010
	tube) (on No.14)		BL	-	\	\	Comply	
	(UII NO. 14)	PBBs	BL		\	\	Comply	
		PBDEs	51		,	\	Comply	
		Cd	BL	-	\	\	Comply	
	0.1	Pb	BL	_  [	\	\	Comply	]
49	Silvery metal	Hg	BL	\	\	\	Comply	Jan 25, 2010
-	shell (on No.46)	Cr <sup>6+</sup>	BL		\	\	Comply	,,
		PBBs			\	\	\	
		PBDEs			\	\	\	

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Part No.	Part Name	Restricted Substances	Results of EDXRF <sup>(1)</sup>	No. of Related Test Report	Results in Related Test Report(mg/kg)	Result of Wet Chemical Testing <sup>(2)</sup> (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
50	Black plastic	Hg	BL	\	\	\	Comply	Jan 25, 2010
50	shell (in No.49)	Cr <sup>6+</sup>	BL	\	\	\	Comply	0an 25, 2010
		PBBs	BL		\	\	Comply	
		PBDEs	DL		\	\	Comply	
		Cd	BL	\	\	\	Comply	
	Copper-colored	Pb	BL		\	\	Comply	Jan 25, 2010
51	metal piece (in No.50)	Hg	BL		\	\	Comply	
٥,		Cr <sup>6+</sup>	BL		\	\	Comply	0an 25, 2010
		PBBs			\	\	\	
		PBDEs			\	\	\	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
52	Black plastic	Hg	BL	\	\	\	Comply	Jan 25, 2010
02	part (in No.50)	Cr <sup>6+</sup>	BL	,	\	\	Comply	0an 20, 2010
		PBBs	BL		\	\	Comply	
		PBDEs	DE		\	\	Comply	
		Cd	BL		\	\	Comply	
	Silvery metal pin	Pb	BL	\	\	\	Comply	Jan 25, 2010
53		Hg	BL		\	\	Comply	
30	(in No.50)	Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs			\	\	\	
		PBDEs			\	\	\	

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#### Remark

(1) (a) It is the result on total Br while test item on restricted substances is PBBs/PBDEs. It is the result on total Cr while test item on restricted substances is Cr<sup>6+</sup>.

(b) Results are obtained by EDXRF for primary screening, and further chemical testing by ICP (for Cd, Pb, Hg), UV-VIS (for CrVI) and GCMSD (for PBBs, PBDEs) is recommended to be performed, if the concentration exceeds the below warning value according to IEC 62321:2008 (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 $\leq$ (700-3 $\sigma$ ) $<$ X $<$ (1300+3 $\sigma$ ) $\leq$ OL	BL $\leq$ (700-3 $\sigma$ ) $<$ X $<$ (1300+3 $\sigma$ ) $\leq$ OL	BL $\leq$ (500-3 $\sigma$ ) $<$ X $<$ (1500+3 $\sigma$ ) $\leq$ OL
Hg	BL $\leq$ (700-3 $\sigma$ ) $<$ X $<$ (1300+3 $\sigma$ ) $\leq$ OL	BL $\leq$ (700-3 $\sigma$ ) $<$ X $<$ (1300+3 $\sigma$ ) $\leq$ OL	BL $\leq$ (500-3 $\sigma$ ) $<$ X $<$ (1500+3 $\sigma$ ) $\leq$ OL
Br	BL ≤ (300-3σ)< X		BL≤ (250-3σ)< X
Cr	BL ≤ (700-3σ)< X	BL ≤ (700-3σ)< X	BL≤ (500-3σ)< X

- (c) OL = Over Limit, BL = Below Limit, IN = Inconclusive, LOD = Limit of Detection
- (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 = ppm=0.0001%, N.D. = not detected (<MDL), --- = not conducted, \ = not available.
  - (b) Unit and Method Detection Limit (MDL) in wet chemical test

Test Items	Pb	Cd	Hg
Units	mg/kg	mg/kg	mg/kg
MDL	2	2	2

The MDL for single compound of PBBs & PBDEs is 5 mg/kg and MDL of Cr<sup>6+</sup> for polymer & composite sample is 2 mg/kg.

(c) According to IEC 62321:2008, result on Cr<sup>6+</sup> for metal sample is shown as Positive/Negative. Negative = Absence of  $Cr^{6+}$  coating, Positive = Presence of  $Cr^{6+}$  coating. Storage conditions and production date of the tested sample are unavailable and thus results of Cr(VI)represent status of the sample at the time of testing.

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#### **Photo Index**



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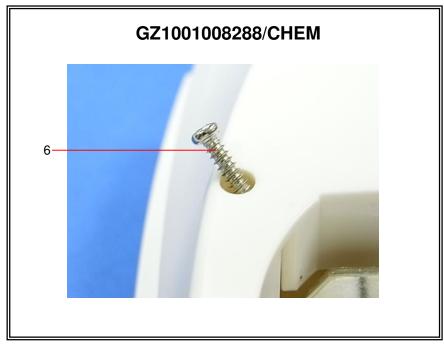
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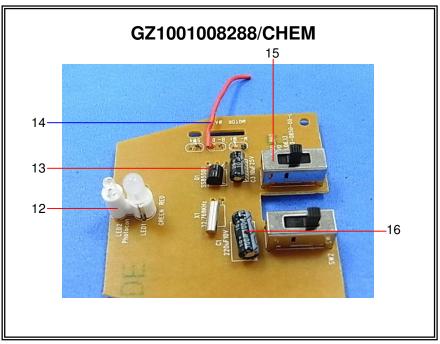
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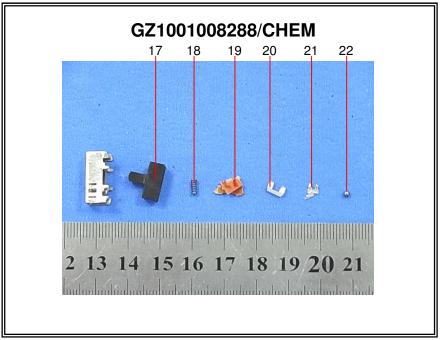
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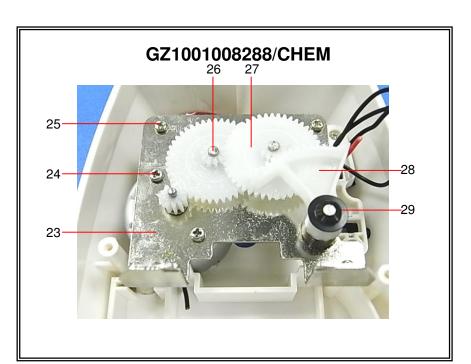
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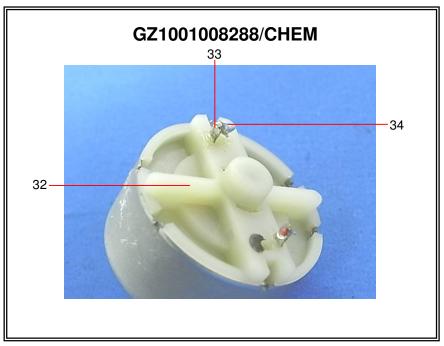
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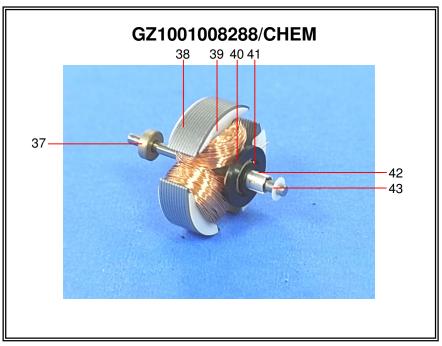
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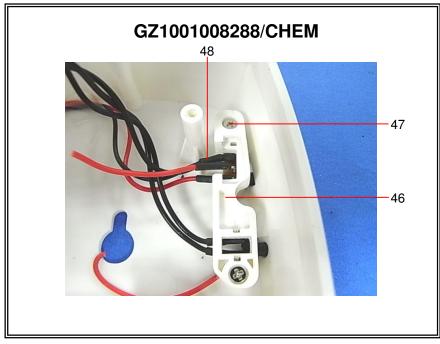
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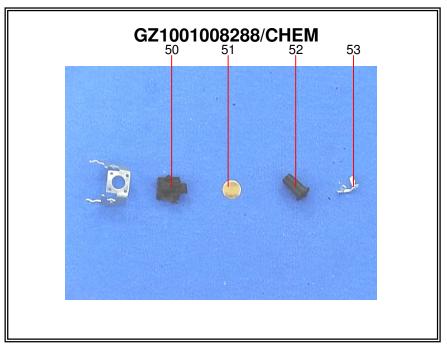
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