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CENTRE TESTING INTERNATIONAL



Applicant
Address

ZHEJIANG CHINT INSTRUMENT&METER CO.,LTD BRIDGE INDUSTRIAL ZONE, YUEQING CITY, ZHEJIANG PROVINCE, CHINA

Conclusion

Tested SampleAccording to directiveResultSubmitted SampleRoHS Directive 2011/65/EU with
amendment (EU) 2015/863Pass#

Tested

hν

Guodong Jiang

Reviewed by

Sha chen

Approved by

ģ. S₹ Date

Mar. 21, 2018

检验检測专用章 Inspection & Testing Services

Lin Zhang
Technical Manager

No. R138201460

Centre Testing International (Ningbo) Co., Ltd. 1-2F, Eastern Factory, No.76, Jinghua Road, High-Tech Zone, Ningbo, Zhejiang, China

^{**:}CTI conducted Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs&PBDEs and Phthalates(DBP, BBP, DEHP, DIBP) on the components which were identified by the client, and the results shown on the report comply with the limits set by RoHS Directive2011/65/EU with amendment(EU) 2015/863.



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		Rep	ort Co	ntent		
	nformation					1 3
	of the Product(4
	nod					6
	llt(s) Test Process					8
Photo(s)	of the Tested C	omponent(s	s)		 	47
RoHS Di	rective Exempt	tions		(::)		56





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The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client.

Product Name three-phase smart meter

Sample Received Date Jan. 22, 2018

Testing Period Jan. 22, 2018 to Feb. 13, 2018

Client Reference Information:

Model	Reference voltage (V)	Current specification (A)	Degree of accuracy
	2 × 220/200	1.5(6)A	Class 0.5S
DTSU666/	$3 \times 220/380$	5(80)A	Class 1
DSSU666	2 \ / 200	1.5(6)A	Class 0.5S
	3 \ 380	3×380 5(80)A	

Test Requested

1. As specified by client, to screen Lead(Pb), Cadmium(Cd), Mercury(Hg), Chromium(Cr), Bromine(Br), Phthalates 【Dibutyl phthalate(DBP), Benzylbutyl phthalate(BBP), Di-2-ethylhexyl phthalate(DEHP), Diisobutyl phthalate(DIBP)】 in the submitted sample(s).

2.As specified by client, when screening results exceed the screening limit in IEC 62321-3-1:2013 or screening limit of Phthalates in this report, further use of chemical methods are required to test the Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)),Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs) and Phthalates \[\bar{L} \] Dibutyl phthalate(DBP), Benzylbutyl phthalate(BBP), Di-2-ethylhexyl phthalate(DEHP), Diisobutyl phthalate(DIBP) \[\bar{L} \] in the submitted samples.

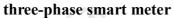




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Photo(s) of the Product(s)























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At the request of client, the sample photo below in this report is provided by applicant and is for reference





















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Test Method

A. Screening limits for regulated elements according to IEC 62321-3-1:2013 (Unit: mg/kg)

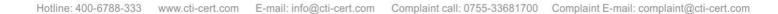
Element	Polymers	Metals	Composite material
Pb	BL≤(700-3σ) <x <(1300+3σ)<br="">≤OL</x>	BL≤(700-3σ) <x <(1300+3σ)<br="">≤OL</x>	BL≤(500-3σ) <x <(1500+3σ)<br="">≤OL</x>
Cd	BL≤(70-3σ) <x <(130+3σ)<br="">≤OL</x>	BL≤(70-3σ) <x <(130+3σ)<br="">≤OL</x>	LOD <x<(150+3σ) td="" ≤ol<=""></x<(150+3σ)>
Нд	BL≤(700-3σ) <x <(1300+3σ)<br="">≤OL</x>	BL≤(700-3σ) <x <(1300+3σ)<br="">≤OL</x>	BL ≤ (500-3σ) < X < (1500+3σ) ≤ OL
Cr	BL≤(700-3σ)< X	BL≤(700-3σ)< X	BL≤(500-3σ)< X
Br	BL≤(300-3σ)< X	N/A	BL≤(250-3σ)< X

B. Screening limits for Phthalates

Test Item(s)		Screening limits(Unit: mg/kg)
Dibutyl phthalate(DBP)	6	BL≤600 <x< td=""></x<>
Benzylbutyl phthalate(BBP)		BL≤600 <x< td=""></x<>
Di-2-ethylhexyl phthalate(DEHP)		BL≤600 <x< td=""></x<>
Diisobutyl phthalate(DIBP)		BL≤600 <x< td=""></x<>

C. Chemical Test

c. Chemical Test				
Tested Item(s)	Test Method	Measured Equipment(s)	MDL	Limit
L and (Db)	IEC 62321-5:2013	ICP-OES	10 mg/kg	1000 /1
Lead (Pb)	Refer to IEC 62321-5:2013	ICP-OES	10 mg/kg	1000 mg/kg
Calari as (C1)	IEC 62321-5:2013	ICP-OES	10 mg/kg	100 /1
Cadmium (Cd)	Refer to IEC 62321-5:2013	ICP-OES	10 mg/kg	100 mg/kg
M (II.)	IEC 62321-4:2013	ICP-OES	10 mg/kg	1000 /1
Mercury (Hg)	Refer to IEC 62321-4:2013	ICP-OES	10 mg/kg	1000 mg/kg
	IEC 62321-7-2:2017	UV-Vis	20 mg/kg	
Hexavalent Chromium(Cr(VI))	IEC 62321-7-1:2015	UV-Vis	0.10μg/cm ² (LOQ)	1000 mg/kg
Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015	GC-MS	100 mg/kg	1000 mg/kg
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015	GC-MS	100 mg/kg	1000 mg/kg
Phthalates (DBP, BBP, DEHP, DIBP)	IEC 62321-8:2017	GC-MS	50 mg/kg	1000 mg/kg for each











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Remark:

- BL = Under the screening limit
- OL = Above the screening limit
- X = The range of needing to do further testing
- 3σ = The reproducibility of analytical instruments
- N/A= Not applicable
- LOD= Detection limit
- LOQ = Limit of Quantification, The LOQ of Hexavalent chromium is 0.10 μg/cm²







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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
		Pb	BL	1	/		0
		Cd	BL	/	/		
		Hg	BL	/	/		
		Cr(Cr(VI))	BL	1	1	PASS	(P)
1	Grey-white plastic	Br(PBBs&PBDEs)	IN	1	N.D.		Jan. 22, 2018
	prastic	DBP	N/A	BL	/		
		BBP	N/A	BL	/		
		DEHP	N/A	BL	1	20	/*:
		DIBP	N/A	BL	1		(65)
/		Pb	OL	1	^{#1} 25615		0
		Cd	BL	/	/		
		Нд	BL	/	/		
		Cr(Cr(VI))	BL	1	1		(i)
2	Brass metal	Br(PBBs&PBDEs)	N/A	/	~) /	PASS	Jan. 22, 2018
		DBP	N/A	/	/		
		BBP	N/A	/	/		
		DEHP	DEHP N/A / /	200	-03		
		DIBP	N/A	/	1		(65)
/		Pb	BL	1	/		6
		Cd	BL	/	/		
		Нд	BL	/	/	-	
		Cr(Cr(VI))	BL	1	/	((I)
3	Grey-white plastic	Br(PBBs&PBDEs)	IN	/ (N.D.	PASS	Jan. 22, 2018
	prastic	DBP	N/A	BL	/		
		BBP	N/A	BL	/	-	
		DEHP	N/A	BL	1	0.5	-07
		DIBP	N/A	BL	1		(25)
/		Pb	BL	1	/		6
		Cd	BL	/	/	-	
	4 Grey-white	Нд	BL	/	/	=	
		Cr(Cr(VI))	BL	1	1	/	
4		Br(PBBs&PBDEs)	IN	/	N.D.	PASS	Jan. 22, 2018
	plastic	DBP	N/A	BL	/		
		BBP	N/A	BL	/	-	
		DEHP	N/A	BL	/	0	
		DIBP	N/A	BL	1		





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(2)		Pb	BL	/	/ (6	((()	(67)
		Cd	BL	/	/		
		Нд	BL	/	/		
		Cr(Cr(VI))	BL	/	/		
5	Grey-white plastic	Br(PBBs&PBDEs)	IN	/	N.D.	PASS	Jan. 22, 2018
	prastic	DBP	N/A	BL	1	16	3
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	in.	(3
•)		Pb	BL	/	/	N)	(6)
		Cd	BL	/	/		
		Hg BL / /					
	Colorless	Cr(Cr(VI))	BL	/	/	PASS	Jan. 22, 2018
6	transparent	Br(PBBs&PBDEs)	BL	1 (/		
	plastic	DBP	N/A	/ 1	N.D.		
		BBP	N/A	/	N.D.		
		DEHP	N/A	/	N.D.		
		DIBP	N/A	/	N.D.		(3
•)		Pb	BL	/	/	37)	(C)
		Cd	BL	/	/		
		Hg	BL	/	/		
	Plastic with	Cr(Cr(VI))	BL	/	/		
7	multicolor	Br(PBBs&PBDEs)	BL	/	/	PASS	Jan. 22, 2018
	printing	DBP	N/A	BL	1	10	3
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	(A)	(3
•)		Pb	BL	/	/	N)	(6)
		Cd	BL	/	/		
Colorless transparent		Hg	BL	/	/		
	Cr(Cr(VI))	BL	1	/	PASS		
	Br(PBBs&PBDEs)	BL	1 (2	/		Jan. 22, 2018	
	plastic	DBP	N/A	BL	1		3)
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	100	/°5





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(*)		Pb	BL	/	/ (37)	(67)
		Cd	BL	/	/		
		Нд	BL	/	/	PASS	
	Silvery label	Cr(Cr(VI))	BL	/	/		
10	with black	Br(PBBs&PBDEs)	BL	/	/		Jan. 22, 2018
	printing	DBP	N/A	BL	1	16	3
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	in.	(3
(*)		Pb	BL	/	/		(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	Metal with	Cr(Cr(VI))	IN	/	N.D. ▼	PASS	Jan. 22, 2018
11	light multicolor	Br(PBBs&PBDEs)	N/A	/	/		
	plating	DBP	N/A	/			
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	/	1	TO.	
(*)		Pb	BL	/	/	(5)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	Metal with	Cr(Cr(VI))	IN	/	N.D.▼		10-
12	light multicolor	Br(PBBs&PBDEs)	N/A	1	/	PASS	Jan. 22, 2018
	plating	DBP	N/A	/	1	10	3
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	/	/	a:	(3
•)		Pb	BL	/	/	37)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	Metal with	Cr(Cr(VI))	IN	/	N.D.▼	22	
13	light multicolor	Br(PBBs&PBDEs)	N/A	1	/	PASS	Jan. 22, 2018
	plating	DBP	N/A	/	/	TASS Jan. 22	٥
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
	3	DIBP	N/A	/	1	and the same	(3





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(*)		Pb	BL	/	/	(5)	(67)
		Cd	BL	/	/		
		Hg	BL	/	/		
		Cr(Cr(VI))	BL	/	/		
14	Metal with silvery plating	Br(PBBs&PBDEs)	N/A	1	/	PASS	Jan. 22, 2018
	sirvery planing	DBP	N/A	/	1	16	3
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	/	1	100	(3
-)		Pb	BL	/	/		(6)
	*	Cd	BL	1	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	/	/		
15	Cupreous metal	Br(PBBs&PBDEs)	N/A	1	/	PASS	Jan. 22, 2018
	metai	DBP	N/A	/	1	16	5
		BBP	N/A	/	/	-	
		DEHP	N/A	/	/		
		DIBP	N/A	/	1	·	(3
•)		Pb	BL	/	/	37)	
	1	Cd	BL	/	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	/	/	_	
16	Cupreous metal	Br(PBBs&PBDEs)	N/A	1 (2	/	PASS	Jan. 22, 2018
	metai	DBP	N/A	/	1	19	3
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	/	1	1	(3
-7)	(Pb	BL	/	/	(((6)
		Cd	BL	/	/		
	Hg	BL	/	/	-		
	-0-	Cr(Cr(VI))	BL	/	j	22	
Cupreous metal	Br(PBBs&PBDEs)	N/A	1	/	PASS	Jan. 22, 2018	
	Ilicial	DBP	N/A	/	1	- 3411. 22,	
		BBP	N/A	/	/	1	
		DEHP	N/A	/	/		
	7	DIBP	N/A	/	1	100	/°5





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(2)		Pb	BL	/	/	(2)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/	=	
	-0-	Cr(Cr(VI))	BL	/	/		
19	Soldering tin	Br(PBBs&PBDEs)	N/A	1	/	PASS	Jan. 22, 2018
		DBP	N/A	/	1	16	3
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	/	1		(3
· ")		Pb	BL	/	/		(6)
		Cd	BL	1	/		
		Нд	BL	/	/		
	Metal wire	Cr(Cr(VI))	BL	/	/		
20	with silvery	Br(PBBs&PBDEs)	N/A	1	/	PASS	Jan. 22, 2018
	plating	DBP	N/A	/	1	10	3
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	/	1		()
·)		Pb	BL	1	/	37)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/	-	
	-0-	Cr(Cr(VI))	BL	/	/		
21	Cupreous metal wire	Br(PBBs&PBDEs)	N/A	1	/	PASS	Jan. 22, 2018
	metar wire	DBP	N/A	/	1	10	3
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	/	1		Con
•)		Pb	BL	/	1	5	(6)
	Cd	BL	/	/			
		Hg	BL	/	/	-	
25 White plastic	Cr(Cr(VI))	BL	/	/			
	Br(PBBs&PBDEs)	BL	1 (3	/	PASS	Jan. 22, 2018	
		DBP	N/A	BL	1	1 19	9)
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	100	(3



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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(2)		Pb	BL	/	/	(2)	(6)
	,	Cd	BL	/	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	/	/		
26	Metal with silvery plating	Br(PBBs&PBDEs)	N/A	1	/	PASS	Jan. 22, 2018
	sirvery planing	DBP	N/A	/	1	16	3
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	/	1	1	(3
F)		Pb	BL	/	/		(6)
	*	Cd	BL	/	/		
		Hg	BL	/	/		
	Metal wire	Cr(Cr(VI))	BL	/	/		
27	with silvery	Br(PBBs&PBDEs)	N/A	1	/	PASS	Jan. 22, 2018
	plating	DBP	N/A	/	1		
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	/	1	(A)	(3
·)		Pb	BL	/	/	37)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	/	/		10-
28	Black wire jacket	Br(PBBs&PBDEs)	BL	/	/	PASS	Jan. 22, 2018
	Jacket	DBP	N/A	/	97	10	3
		BBP	N/A	/	N.D.	-	
		DEHP	N/A	/	270	-	
		DIBP	N/A	/	N.D.	6	(3
•)	-	Pb	BL	/	1	N)	(6)
		Cd	BL	/	/		
	Hg	BL	/	/			
	-0-	Cr(Cr(VI))	BL	/	/		
29 Black plastic	Br(PBBs&PBDEs)	IN	1 (2	N.D.	PASS	Jan. 22, 2018	
		DBP	N/A	BL	1	-	9)
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
	1	DIBP	N/A	BL	1		/3





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(2)		Pb	BL	/	/ ((5)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
		Cr(Cr(VI))	BL	/	/		
30	Black solid	Br(PBBs&PBDEs)	BL	/	/	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	16	6.)
		BBP	N/A	BL	/	-	
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1		(2
•)		Pb	BL	/	1	S)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	Colorless	Cr(Cr(VI))	BL	/	/		
31	transparent	Br(PBBs&PBDEs)	BL	/	/	PASS	Jan. 22, 2018 Feb. 7, 2018
	tape	DBP	N/A	/	N.D.		166. 7, 2010
		BBP	N/A	/	N.D.		
		DEHP	N/A	/	N.D.		
		DIBP	N/A	/	N.D.		()
•)		Pb	BL	/	/ (6	5)	6
		Cd	BL	/	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	/	/		
32	Red lacquered wire	Br(PBBs&PBDEs)	BL	1	/	PASS	Jan. 22, 2018
	S - wife	DBP	N/A	BL	1	1/9	
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	C.	(2
•)		Pb	BL	/	/	5	(6)
		Cd	BL	/	/		
	33 Silvery metal	Hg	BL	/	/		
		Cr(Cr(VI))	IN	/	N.D.▼		
33		Br(PBBs&PBDEs)	N/A	1	/	PASS	Jan. 22, 2018
		DBP	N/A	/	1	16	
		BBP	N/A	/	/]	
		DEHP	N/A	/	/	1	
		DIBP	N/A	/	1	:	(3





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(2)		Pb	BL	/	/ ((5)	(67)
		Cd	BL	/	/		
		Hg	BL	/	/		
		Cr(Cr(VI))	BL	/	/		
34	Light blue foam	Br(PBBs&PBDEs)	BL	/	/	PASS	Jan. 22, 2018
	Ioani	DBP	N/A	BL	1	16	3
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	100	(2
-)		Pb	BL	/	/		(6)
	,	Cd	BL	/	/		
		Нд	BL	/	/		
	-0-	Cr(Cr(VI))	BL	/	/		
35	White plastic	Br(PBBs&PBDEs)	IN	1	N.D.	PASS	Jan. 22, 2018
	6.	DBP	N/A	BL	1	16	
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1		(%
•)		Pb	BL	/	/	37)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	Black	Cr(Cr(VI))	BL	/	/		
36	sleeving with	Br(PBBs&PBDEs)	BL	/	/	PASS	Jan. 22, 2018 Feb. 7, 2018
	white printing	DBP	N/A	/	N.D.	10	100. 7, 2010
		BBP	N/A	/	N.D.		
		DEHP	N/A	/	N.D.		
		DIBP	N/A	/	N.D.	100	(3
•)		Pb	BL	/	/	5	(6)
	White wire jacket with black printing	Cd	BL	/	/		
		Hg	BL	/	/	-	
		Cr(Cr(VI))	BL	/	/		
37		Br(PBBs&PBDEs)	BL	1	/	PASS	Jan. 22, 2018 Feb. 7, 2018
		DBP	N/A	/	N.D.	1 19	100. 7, 2010
		BBP	N/A	/	N.D.		
		DEHP	N/A	/	N.D.		
		DIBP	N/A	/	N.D.	100	_°5





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(*)		Pb	BL	/	1	(*)	(6)
		Cd	BL	/	/		0
		Hg	BL	/	/	_	
	-0-	Cr(Cr(VI))	BL	/	/		
38	Red wire jacket	Br(PBBs&PBDEs)	BL	/	1	PASS	Jan. 22, 2018 Feb. 7, 2018
	jacket	DBP	N/A	/	N.D.	16	100. 7, 2016
		BBP	N/A	/	N.D.		
		DEHP	N/A	/	N.D.		C.
		DIBP	N/A	/	N.D.		
•)		Pb	BL	/	/		(6)
		Cd	BL	1	/		
		Нд	BL	/	/		
	Metal wire	Cr(Cr(VI))	BL	/	/		
39	with silvery	Br(PBBs&PBDEs)	N/A	/	/	PASS	Jan. 22, 2018
	plating	DBP	N/A	/	1	1785	
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	/	1		
• ")		Pb	BL	/	/		
		Cd	BL	/	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	/	/		
40	White plastic	Br(PBBs&PBDEs)	BL	1	/	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	10	3
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1		(3
•)		Pb	BL	/	/		(6)
		Cd	BL	/	/		
	41 Metal with silvery plating	Hg	BL	/	/		
		Cr(Cr(VI))	BL	/	/		
41		Br(PBBs&PBDEs)	N/A	/	/	PASS	Jan. 22, 2018
		DBP	N/A	/	1	16	9)
		BBP	N/A	/	/	_	
		DEHP	N/A	/	/		
		DIBP	N/A	/	1		/°5





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(2)	1	Pb	BL	/	/ ((5)	(67)
		Cd	BL	/	/		
		Hg	BL	/	/		
		Cr(Cr(VI))	BL	/	/		
42	White plastic	Br(PBBs&PBDEs)	BL	/	/	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	10	
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	Ti.	(3
.)		Pb	BL	/	1	5	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
		Cr(Cr(VI))	BL	/	/		
43	White plastic	Br(PBBs&PBDEs)	BL	/	/	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	1785	
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1		(%
·)		Pb	BL	1	1	5)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	/	/		
44	Silvery metal pin	Br(PBBs&PBDEs)	N/A	1	/	PASS	Jan. 22, 2018
	Pin	DBP	N/A	/	1	10	3
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	/	1	Ti.	(3
•)		Pb	BL	/	/	57)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	Cr(Cr(VI))	IN	/	N.D.			
45	45 Green body	Br(PBBs&PBDEs)	BL	/	/	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	1	9)
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	(2)	/°5





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(2)	1	Pb	BL	/	/ ((5)	(67)
		Cd	BL	/	/		
		Hg	BL	/	/		
		Cr(Cr(VI))	IN	/	N.D.		
46	Blue body	Br(PBBs&PBDEs)	BL	1	/	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	16	3")
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	100	(2
•)		Pb	BL) /	/		(6)
		Cd	BL	1	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	IN	/	N.D.		
47	Color ring resistance	Br(PBBs&PBDEs)	BL	1	/	PASS	Jan. 22, 2018
	Tesistance	DBP	N/A	BL	1	1 A55	
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1		(3
• ")		Pb	BL	/	/	37)	(6)
		Cd	BL	/	/		
		Нд	BL	/	/		
	-0-	Cr(Cr(VI))	BL	1	/	-	
48	Silvery metal	Br(PBBs&PBDEs)	N/A	1 (2	/	PASS	Jan. 22, 2018
	pin	DBP	N/A	1	1	19	5
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	/	1	1	(3
-7)		Pb	BL	/	/	(((6)
		Cd	BL	1	/		
	49 Silvery metal pin	Hg	BL	/	/		
		Cr(Cr(VI))	BL	1	/		
49		Br(PBBs&PBDEs)	N/A	1 (2	/	PASS	Jan. 22, 2018
		DBP	N/A	/	1	1	5
		BBP	N/A	/	/		
		DEHP	N/A	/	/	1	
		DIBP	N/A	/	1	100	0.5





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(2)		Pb	BL	/	/ ((5)	(67)
		Cd	BL	/	/		
		Hg	BL	/	/		
		Cr(Cr(VI))	IN	/	N.D.		
50	Black solid	Br(PBBs&PBDEs)	BL	/	/	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	16	3
		BBP	N/A	BL	/		Con
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	100	
F)		Pb	BL	/	/	(((6)
		Cd	BL	/	/		
		Hg	BL	/	/		
		Cr(Cr(VI))	BL	/	/		
51	Yellow solid	Br(PBBs&PBDEs)	BL	/	/	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	17155	
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1		(%
(*)		Pb	BL	/	/	37)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	/	/		
52	Red LED	Br(PBBs&PBDEs)	IN	/	N.D.	PASS	Jan. 22, 2018 Feb. 7, 2018
		DBP	N/A	/	N.D.	10	100. 7, 2010
		BBP	N/A	/	N.D.	-	
		DEHP	N/A	/	N.D.	-	
		DIBP	N/A	/	N.D.	6	(3
•)		Pb	BL	/	1	N)	(6)
		Cd	BL	/	/		
	Silvery metal pin	Нд	BL	/	/		
		Cr(Cr(VI))	BL	/	/	22	
53		Br(PBBs&PBDEs)	N/A	1 (2	/	PASS	Jan. 22, 2018
	pin	DBP	N/A	/	1	1 1	9)
		BBP	N/A	/	/		
		DEHP	N/A	/	/	1	
		DIBP	N/A	/	1	100	200





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(2)		Pb	BL	/	/ (6	(2)	(67)
		Cd	BL	/	/		
		Hg	BL	/	/		
		Cr(Cr(VI))	BL	/	/		
54	Black body	Br(PBBs&PBDEs)	BL	1	/	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	10	3
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1		(3
•)		Pb	BL) /	1		(6)
		Cd	BL	1	/		
		Нд	BL	/	/		
		Cr(Cr(VI))	BL	1	/		
55	Black plastic	Br(PBBs&PBDEs)	BL	1	/	PASS	Jan. 22, 2018
		DBP	N/A	BL	1		
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1		(%
• ")		Pb	BL	/	1	37)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	1	/		
56	Silvery body	Br(PBBs&PBDEs)	BL	1	/	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	10	3
		BBP	N/A	BL	/	-	
		DEHP	N/A	BL	/	-	
		DIBP	N/A	BL	1	6	Con
•)		Pb	BL	/	1	N)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/	-	
	Cr(Cr(VI))	BL	1	/			
57	57 Silvery metal pin	Br(PBBs&PBDEs)	N/A	1 (2	/	PASS	Jan. 22, 2018
		DBP	N/A	/	1	1 19	9)
		BBP	N/A	/	/		
		DEHP	N/A	/	/	1	
	1	DIBP	N/A	1	1	100	(3





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(2)		Pb	BL	/	/	(2)	(6)
		Cd	BL	/	/		6
		Hg	BL	/	/		
	C*>	Cr(Cr(VI))	BL	/	/		
58	Black plastic	Br(PBBs&PBDEs)	BL	/	/	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	16	5
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1		(3
•)		Pb	BL	/	/	5	(6)
		Cd	BL	1	/		
		Нд	BL	/	/		
		Cr(Cr(VI))	BL	/	/		
59	Silvery metal	Br(PBBs&PBDEs)	N/A	/	/	PASS	Jan. 22, 2018
		DBP	N/A	/	1		
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	/	1		(3
·)		Pb	BL	1	/	37)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/	-	
	-0-	Cr(Cr(VI))	BL	/	/		
60	Bimetal piece	Br(PBBs&PBDEs)	N/A	1	/	PASS	Jan. 22, 2018
		DBP	N/A	/	1	10	
		BBP	N/A	/	/	-	
		DEHP	N/A	/	/		
		DIBP	N/A	/	1	6	(3
•)		Pb	BL	/	1	N)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/	-	
	Cr(Cr(VI))	BL	/	/	12		
61	61 Silvery metal	Br(PBBs&PBDEs)	N/A	1 (2	/	PASS	Jan. 22, 2018
		DBP	N/A	/	1	10	
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
	3	DIBP	N/A	/	1		/°5





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
N)		Pb	BL	/	/	(%)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
		Cr(Cr(VI))	BL	/	/		
62	Black plastic	Br(PBBs&PBDEs)	BL	/	/	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	10	
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	Ti.	
.)		Pb	BL	/	1	5	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
		Cr(Cr(VI))	BL	/	/		-0-
63	Silvery film	Br(PBBs&PBDEs)	IN	/	N.D.	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	10	
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1		(%
·)		Pb	BL	1	/		6
		Cd	BL	/	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	/	/		
64	Grey plastic	Br(PBBs&PBDEs)	IN	1	N.D.	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	10	3
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	6	(3
•)		Pb	BL	/	/	57)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	Cr(Cr(VI))	BL	/	/			
65	65 Black solid seal glue	Br(PBBs&PBDEs)	IN	/	N.D.	PASS	Jan. 22, 2018
		DBP	N/A	/	N.D.		9)
		BBP	N/A	/	N.D.		
		DEHP	N/A	/	N.D.		
		DIBP	N/A	/	N.D.	(2)	/°5





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(2)		Pb	BL	/	/	(5)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/	1	
		Cr(Cr(VI))	BL	/	/		
66	Silvery metal pin	Br(PBBs&PBDEs)	N/A	/	1	PASS	Jan. 22, 2018
	pin	DBP	N/A	/	1	16	3
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	/	1	6	(3
•)		Pb	BL	/	1		(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	/	/		
67	Green plastic	Br(PBBs&PBDEs)	BL	/	/	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	TASS	
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1		(%
•)		Pb	BL	/	/	57)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/	1	
	-0-	Cr(Cr(VI))	BL	/	/		
68	Green plastic	Br(PBBs&PBDEs)	BL	1	/	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	10	5)
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	Ci.	(%
•)		Pb	N/A	/	N.D.	37)	(6)
		Cd	N/A	/	N.D.		
		Hg	N/A	/	N.D.		
69.1 Silvery plating	Cr(Cr(VI))	N/A	/	N.D.▼	22		
	Br(PBBs&PBDEs)	N/A	1	/	PASS	Jan. 22, 2018 Feb. 7, 2018	
	piating	DBP	N/A	/	<i>)</i> /	1	100. 7, 2010
		BBP	N/A	/	/	1	
		DEHP	N/A	/	/	1	
		DIBP	N/A	/	1	(A)	_°5





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(°)		Pb	OL	/	^{#1} 19110	N)	(67)
		Cd	BL	/	/		
		Hg	BL	/	/		
		Cr(Cr(VI))	BL	/	/		
69.2	Metal base	Br(PBBs&PBDEs)	N/A	1	/	PASS	Jan. 22, 2018 Feb. 7, 2018
		DBP	N/A	/	1	16	165. 7, 2016
		BBP	N/A	/	/		
		DEHP	N/A	/	/		(*)
		DIBP	N/A	/	1	in.	
F)		Pb	BL	/	/	N)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	Metal with	Cr(Cr(VI))	BL	/	/		
70	light blue	Br(PBBs&PBDEs)	N/A	/ (2	/	PASS	Jan. 22, 2018
	plating	DBP	N/A	1			
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	/	1		(%
• ")		Pb	N/A	/	N.D.	37)	
		Cd	N/A	/	N.D.		
		Hg	N/A	/	N.D.		
	-0-	Cr(Cr(VI))	N/A	/	N.D. ▼		
71.1	Silvery plating	Br(PBBs&PBDEs)	N/A	1	/	PASS	Jan. 22, 2018
	pracing	DBP	N/A	1	1	10	3
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	/	1	a:	(3
•)		Pb	OL	/	^{#1} 19110	5)	(6)
		Cd	BL	/	/		
	71.2 Metal base	Hg	BL	/	/		
		Cr(Cr(VI))	BL	/	/		
71.2		Br(PBBs&PBDEs)	N/A	1 (3	/	PASS	Jan. 22, 2018
		DBP	N/A	/	1	10	9)
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	/	1		(3





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(2)		Pb	BL	/	1	(5)	(6)
		Cd	BL	/	/		0
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	/	/		
72	Silvery metal	Br(PBBs&PBDEs)	N/A	1	1	PASS	Jan. 22, 2018
	6.	DBP	N/A	/	1	16	3
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	/	1	Ci.	(3
·)		Pb	BL	/	1	(((6)
		Cd	BL	1	/		
		Нд	BL	/	/		
	Black plastic	Cr(Cr(VI))	BL	/	/		
73	with white	Br(PBBs&PBDEs)	BL	1	1	PASS	Jan. 22, 2018
	printing	DBP	N/A	BL	1	17100	
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1		(°)
v.)		Pb	BL	1	1	5	(6)
		Cd	BL	1	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	/	/		
74	Silvery metal	Br(PBBs&PBDEs)	N/A	1	1	PASS	Jan. 22, 2018
		DBP	N/A	/	1	10	3
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	/	1	(E)	(3)
•)		Pb	BL	/	1	5)	(6)
		Cd	BL	/	/		
	75 Black rubber	Hg	BL	/	/		
		Cr(Cr(VI))	BL	1	/		
75		Br(PBBs&PBDEs)	BL	1	/	PASS	Jan. 22, 2018
		DBP	N/A	/	N.D.	- Triss	5)
		BBP	N/A	/	N.D.		
		DEHP	N/A	/	N.D.	1	
		DIBP	N/A	/	N.D.	(5)	/3





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(2)		Pb	BL	/	/ ((5)	(67)
		Cd	BL	/	/		
	Silver-grey metal	Hg	BL	/	/		
		Cr(Cr(VI))	BL	/	/		
76		Br(PBBs&PBDEs)	N/A	/	/	PASS	Jan. 22, 2018
		DBP	N/A	/	1	16	
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	/	1	100	
F)		Pb	BL	/	/		(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	/	/		
77	Silvery metal	Br(PBBs&PBDEs)	N/A	/	/	PASS	Jan. 22, 2018
		DBP	N/A	/	1	16	3
		BBP	N/A	/	/	-	
		DEHP	N/A	/	/		
		DIBP	N/A	/	1		(°)
•)		Pb	BL	/	/		(C)
		Cd	BL	/	/		
		Hg	BL	/	/		
	Colorless	Cr(Cr(VI))	BL	/	/	-	
78	transparent	Br(PBBs&PBDEs)	BL	/ (2	/	PASS	Jan. 22, 2018 Feb. 7, 2018
	tape	DBP	N/A	/	N.D.	19	160. 7, 2018
		BBP	N/A	/	N.D.		
		DEHP	N/A	/	N.D.		
		DIBP	N/A	/	N.D.	1	(3
•)		Pb	BL	/	/	(((6)
		Cd	BL	/	/		
		Hg	BL	/	/	-	
	-0-	Cr(Cr(VI))	BL	/	j	22	
79 Brown	Brown paper	Br(PBBs&PBDEs)	BL	1	/	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	1	
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	200	/°5





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(2)		Pb	BL	/	/ ((5)	(67)
		Cd	BL	/	/		
		Hg	BL	/	/		
		Cr(Cr(VI))	BL	/	/		
80	White plastic	Br(PBBs&PBDEs)	BL	/	/	PASS	Jan. 22, 2018
	6.	DBP	N/A	BL	1	16	
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		(3
		DIBP	N/A	BL	1	100	
•)		Pb	BL	/	/		(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	/	/		
81	White plastic	Br(PBBs&PBDEs)	BL	/	/	PASS	Jan. 22, 2018
	6.	DBP	N/A	BL	1	16	5
		BBP	N/A	BL	/	-	
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1		(3
• ")		Pb	BL	/	/		(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	Colorless	Cr(Cr(VI))	BL	/	/		
82	transparent	Br(PBBs&PBDEs)	BL	1	/	PASS	Jan. 22, 2018
	plastic	DBP	N/A	/	N.D.	19	5
		BBP	N/A	/	N.D.		
		DEHP	N/A	/	N.D.		
		DIBP	N/A	/	N.D.	1	(3
•)		Pb	BL	/	/	5)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	Colorless	Cr(Cr(VI))	BL	/	/		
83	transparent	Br(PBBs&PBDEs)	BL	1	/	PASS	Jan. 22, 2018 Feb. 7, 2018
	LÊD	DBP	N/A	/	N.D.	1	160. 7, 2018
		BBP	N/A	/	N.D.		
		DEHP	N/A	/	N.D.		
		DIBP	N/A	/	N.D.	100	200





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(°)		Pb	BL	/	/ [6	(2)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	_0	Cr(Cr(VI))	BL	/	/		
84	Grey plastic	Br(PBBs&PBDEs)	BL	1	/	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	16	(C)
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		(3
		DIBP	N/A	BL	1	100	
.)		Pb	BL	/	/		(6)
		Cd	BL	1	/		
		Нд	BL	/	/		
	-05	Cr(Cr(VI))	BL	/	/		
85	White plastic	Br(PBBs&PBDEs)	BL	1	/	PASS	Jan. 22, 2018
	6.	DBP	N/A	BL	1	16	3
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	a constant	(%
•)		Pb	BL	1	/	9	(6)
		Cd	BL	1	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	1	/		
86	Silvery metal pin	Br(PBBs&PBDEs)	N/A	1	/	PASS	Jan. 22, 2018
	Pin	DBP	N/A	/	1	10	3
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	/	1		(3
•)		Pb	BL	/	/	S)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
Col	Colorless	Cr(Cr(VI))	BL	1	/		
87	transparent	Br(PBBs&PBDEs)	BL	1	/	PASS	Jan. 22, 2018
	glass	DBP	N/A	BL	1	1 19	3
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	100	_°5





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(2)		Pb	BL	/	1	(2)	(6)
		Cd	BL	/	/		
	Colorless transparent	Нд	BL	/	/	-	
		Cr(Cr(VI))	BL	/	/		
88		Br(PBBs&PBDEs)	BL	1	/	PASS	Jan. 22, 2018
	glass	DBP	N/A	BL	1	16	6)
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1		(3
-)		Pb	BL	/	1	(((6)
		Cd	BL	/	/		
		Нд	BL	/	/		
		Cr(Cr(VI))	BL	/	/		
89	Black plastic	Br(PBBs&PBDEs)	BL	/	/	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	//	3)
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	(A)	(%
·)		Pb	BL	/	1	3	(C)
		Cd	BL	/	/		
		Hg	BL	/	/	-	
	-0-	Cr(Cr(VI))	BL	/	/		
90	Black solid	Br(PBBs&PBDEs)	BL	/	/	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	10	3
		BBP	N/A	BL	/	-	
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	Ti.	(3
•)		Pb	BL	/	1	N)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/	-	
-0-		Cr(Cr(VI))	BL	/	/	-	
91	Yellow adhesive tape	Br(PBBs&PBDEs)	BL	1 (2	/	PASS	Jan. 22, 2018
	auriesive tape	DBP	N/A	/	N.D.	1 1	9)
		BBP	N/A	/	N.D.		
		DEHP	N/A	/	N.D.		
		DIBP	N/A	/	N.D.	100	(3





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(2)		Pb	BL	/	/	(5)	(67)
		Cd	BL	/	/		
	Yellow adhesive tape with black	Hg	BL	/	/		
		Cr(Cr(VI))	BL	/	/		
92		Br(PBBs&PBDEs)	BL	1	/	PASS	Jan. 22, 2018
	printing	DBP	N/A	/	N.D.	16	
		BBP	N/A	/	N.D.		
		DEHP	N/A	/	N.D.		Cã.
		DIBP	N/A	/	N.D.	6	
· ")		Pb	BL	/	1	(()	(6)
		Cd	BL	1	/		
		Нд	BL	/	/		Jan. 22, 2018 Feb. 7, 2018
	-0-	Cr(Cr(VI))	BL	/	/		
93	Light yellow solid	Br(PBBs&PBDEs)	BL	1	/	PASS	
	Solid	DBP	N/A	BL	1	16	160. 7, 2018
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	a C	(%
·)		Pb	BL	1	1	5	(6)
		Cd	BL	1	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	1	/		
95	Cupreous metal wire	Br(PBBs&PBDEs)	N/A	1	1	PASS	Jan. 22, 2018
	metar wire	DBP	N/A	/	1	10	3
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	/	1	6	(3
•)		Pb	BL	/	1		(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	/	/		
	White sleeving	Br(PBBs&PBDEs)	BL	1	/	PASS	Jan. 22, 2018 Feb. 7, 2018
	Sicevillg	DBP	N/A	/	N.D.	16	100. 7, 2016
		BBP	N/A	/	N.D.		
		DEHP	N/A	/	N.D.		
		DIBP	N/A	/	N.D.	6	700





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(2)		Pb	BL	/	/	(2)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/	•	
	-0-	Cr(Cr(VI))	BL	/	/		
98	Cupreous metal wire	Br(PBBs&PBDEs)	N/A	1	/	PASS	Jan. 22, 2018 Feb. 7, 2018
	metar wire	DBP	N/A	/	1	16	100.7,2016
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	/	1		(3
· ')		Pb	BL	/	/	N)	(6)
		Cd	BL	/	/		
		Нд	BL	/	/		Jan. 22, 2018
		Cr(Cr(VI))	BL	/	/		
101	Cupreous metal wire	Br(PBBs&PBDEs)	N/A	/	/	PASS	
	metar wire	DBP	N/A	1	1	10	3
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	/	1	a di	(%
·)		Pb	BL	/	/	3	(6,
		Cd	BL	/	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	/	/		
102	Black plastic	Br(PBBs&PBDEs)	BL	/	/	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	10	3)
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	The same	C
•)		Pb	BL	/	/	3	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
-0-	-07	Cr(Cr(VI))	BL	/	/		
103	Black solid	Br(PBBs&PBDEs)	BL	1 (2	/	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	1	
		BBP	N/A	BL	/	1	
		DEHP	N/A	BL	/		
	1	DIBP	N/A	BL	1	:	/3





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(5)		Pb	BL	/	/	(%)	(67)
		Cd	BL	/	/		
	Yellow adhesive tape	Hg	BL	/	/		
		Cr(Cr(VI))	BL	/	/		
104		Br(PBBs&PBDEs)	BL	1	/	PASS	Jan. 22, 2018
	adirestive tape	DBP	N/A	/	N.D.	16	
		BBP	N/A	/	N.D.		
		DEHP	N/A	/	N.D.		
		DIBP	N/A	/	N.D.	in.	(3
(5)		Pb	BL	/	/	(()	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	/	/		
105	Silvery metal pin	Br(PBBs&PBDEs)	N/A	/	/	PASS	Jan. 22, 2018
	- pin	DBP	N/A	/		16	5)
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	/	1	6	(3
(°)		Pb	BL	/	/	(5)	(C)
		Cd	BL	/	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	/	/		
106	Black body	Br(PBBs&PBDEs)	IN	/ (2	N.D.	PASS	Jan. 22, 2018
		DBP	N/A	BL	///	10	3
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
	1	DIBP	N/A	BL	1	a:	(3
·)	- (Pb	#22.1×10 ³	/	/	N)	(6)
		Cd	BL	/	/		
		Нд	BL	/	/		
	-0-	Cr(Cr(VI))	BL	/	/	22	
107	Black body	Br(PBBs&PBDEs)	BL	1	/	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	1	
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	(A)	200





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(2)		Pb	BL	/	1	(%)	(67)
		Cd	BL	/	/		
	08 PCB	Hg	BL	/	/		
		Cr(Cr(VI))	BL	/	/		
108		Br(PBBs&PBDEs)	IN	1	N.D.	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	16	(3)
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		Car
		DIBP	N/A	BL	1	Ti.	
•)		Pb	BL	/	1	5	(6)
		Cd	BL	1	/		
		Hg	BL	/	/		
		Cr(Cr(VI))	BL	1	/		
109	Black body	Br(PBBs&PBDEs)	BL	1	/	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	10	3)
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		22.0
		DIBP	N/A	BL	1		(%
·)		Pb	BL	1	1	(5)	6
		Cd	BL	1	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	1	/		
110	Silvery metal pin	Br(PBBs&PBDEs)	N/A	1	/	PASS	Jan. 22, 2018
	Pin	DBP	N/A	/	1	10	3
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	/	1	(E)	(3
•)		Pb	#21.0×10 ⁴	/	/	5)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	-07	Cr(Cr(VI))	BL	1	/		
111	Black body	Br(PBBs&PBDEs)	IN	1 (3	N.D.	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	16	3)
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/	1	
		DIBP	N/A	BL	1	3	/3





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(*)		Pb	BL	/	1	(5)	(6)
		Cd	BL	/	/		0
		Hg	BL	/	/	=	
	-0-	Cr(Cr(VI))	BL	/	/		
112	Soldering tin	Br(PBBs&PBDEs)	N/A	1	/	PASS	Jan. 22, 2018
	6,	DBP	N/A	/	1	16	(C)
		BBP	N/A	/	/		
		DEHP	N/A	/	/	-	(3
		DIBP	N/A	/	1	100	
~)		Pb	BL	/	/	(5)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/	-	
	-0-	Cr(Cr(VI))	BL	/	/		Jan. 22, 2018 Feb. 7, 2018
113	Black body	Br(PBBs&PBDEs)	BL	/	1	PASS	
	6.	DBP	N/A	BL	1	10	Feb. 7, 2018
		BBP	N/A	BL	/	-	
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	Co.	(3
• ")		Pb	BL	/	/	3	(6)
	1	Cd	BL	/	/	2	
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	/	/		
114	Black body	Br(PBBs&PBDEs)	IN	1	N.D.	PASS	Jan. 22, 2018 Feb. 7, 2018
		DBP	N/A	BL	1	10	160. 7, 2018
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	6	(3
•)	(Pb	BL	/	/	(((6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	- O	Cr(Cr(VI))	BL	/	/		
115 Ye	Yellow-brown body	Br(PBBs&PBDEs)	BL	1 (2	/	PASS	Jan. 22, 2018 Feb. 7, 2018
	oody	DBP	N/A	BL	1	1 1	100. 7, 2016
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	100	200





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(2)		Pb	BL	/	/	(5)	(6)
	,	Cd	BL	/	/		
	Color ring resistance	Hg	BL	/	/		
		Cr(Cr(VI))	BL	/	/		
116		Br(PBBs&PBDEs)	BL	/	/	PASS	Jan. 22, 2018
	Tesistance	DBP	N/A	BL	1	16	
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1		
•)		Pb	BL	/	/	N)	(6)
		Cd	BL	1	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	/	/		
117	Yellow-brown body	Br(PBBs&PBDEs)	BL	/	/	PASS	Jan. 22, 2018
	body	DBP	N/A	BL	1	16	3
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1		(%
•)		Pb	BL	/	/		(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	/	/		
118	Color ring resistance	Br(PBBs&PBDEs)	BL	1	/	PASS	Jan. 22, 2018
	resistance	DBP	N/A	BL	1	10	
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	The second	(3
•)	-	Pb	BL	/	/	3	(6)
		Cd	BL	/	/		
		Hg	BL	/	/	PASS	
-0-	-0-	Cr(Cr(VI))	BL	/	/		
119	Black body	Br(PBBs&PBDEs)	BL	1 (2	/		Jan. 22, 2018
		DBP	N/A	BL	1	1	3
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
	,	DIBP	N/A	BL	1	100	/°5





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(2)		Pb	BL	/	/	(%)	(67)
		Cd	BL	/	/		
		Hg	BL	/	/		
		Cr(Cr(VI))	BL	1	/		-0-
120	Silvery metal pin	Br(PBBs&PBDEs)	N/A	1	/	PASS	Jan. 22, 2018
	pin	DBP	N/A	/	///	16	
		BBP	N/A	/	/		
		DEHP	N/A	/	/		Cã
		DIBP	N/A	/	1		
•)		Pb	#28.0×10 ⁵) /	1	30)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/	-	
	-0-	Cr(Cr(VI))	BL	1	/		
121	Rufous body	Br(PBBs&PBDEs)	BL	1	/	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	10	٥
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	/		
•)		Pb	BL	1	/	5)	(6)
		Cd	BL	/	/		
		Нд	BL	/	/	_	
	0	Cr(Cr(VI))	BL	1	/		
122	PCB	Br(PBBs&PBDEs)	IN	1 (3	N.D.	PASS	Jan. 22, 2018
		DBP	N/A	BL	1		2
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/	200	
		DIBP	N/A	BL	1	(A)	(2)
)		Pb	BL	1	/	5	(0)
		Cd	BL	/	/		
		Hg	BL	/	/		
	(*)	Cr(Cr(VI))	BL	1	/	-	**
123	Silvery metal pin	Br(PBBs&PBDEs)	N/A	1	/	PASS	Jan. 22, 2018
	Pill	DBP	N/A	/	/ /	- 1	
		BBP	N/A	/	/		
		DEHP	N/A	/	/		
		DIBP	N/A	1	1		





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date	
(2)		Pb	BL	/	1	(5)	(6)	
		Cd	BL	/	/		0	
		Hg	BL	/	/			
	-0-	Cr(Cr(VI))	BL	/	/			
125	Silvery metal pin	Br(PBBs&PBDEs)	N/A	1	/	PASS	Jan. 22, 2018	
	pin	DBP	N/A	/	1	16	3	
		BBP	N/A	/	/			
		DEHP	N/A	/	/			
		DIBP	N/A	/	1	1	(3	
F)		Pb	BL	/	1	N)	(6)	
		Cd	BL	/	/			
		Нд	BL	/	/			
		Cr(Cr(VI))	BL	/	/			
126	Black body	Br(PBBs&PBDEs)	BL	/	/	PASS	Jan. 22, 2018	
		DBP	N/A	BL	1	10	3	
		BBP	N/A	BL	/			
		DEHP	N/A	BL	/			
		DIBP	N/A	BL	1	(A)	1	
·)		Pb	BL	/	1	5)	57) (6	(6)
		Cd	BL	/	/			
		Hg	BL	/	/			
	-0-	Cr(Cr(VI))	BL	/	/			
127	Black body	Br(PBBs&PBDEs)	BL	/	/	PASS	Jan. 22, 2018 Feb. 7, 2018	
		DBP	N/A	BL	1	10	100. 7, 2010	
		BBP	N/A	BL	/	-		
		DEHP	N/A	BL	/			
		DIBP	N/A	BL	1	Ti.	(3	
•)		Pb	BL	/	1	5)	(6)	
		Cd	BL	/	/			
		Hg	BL	/	/	-		
	-05	Cr(Cr(VI))	BL	/	/	PASS		
128	Black body	Br(PBBs&PBDEs)	BL	1 (2	/		Jan. 22, 2018	
		DBP	N/A	BL	1	1 1	9)	
		BBP	N/A	BL	/	1		
		DEHP	N/A	BL	/	1		
	3	DIBP	N/A	BL	1	:	/3	





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
N)	(2)	Pb	BL	/	1	(%)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
		Cr(Cr(VI))	BL	/	/		
129	Black body	Br(PBBs&PBDEs)	BL	1	1	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	10	3
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	(E)	(3
·)		Pb	BL	1	1	5	(6)
		Cd	BL	1	/		
		Hg	BL	/	/		
		Cr(Cr(VI))	BL	1	/		
130	Black plastic	Br(PBBs&PBDEs)	IN	1	N.D.	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	10	3)
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1		(°)
v.)		Pb	BL	1	1	37)	(6)
		Cd	BL	1	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	1	/		
131	Black body	Br(PBBs&PBDEs)	IN	1	N.D.	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	19	3
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	Ci.	(3
•)		Pb	#25.1×10 ⁴	1	/	57)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	- O	Cr(Cr(VI))	BL	/	/		
132	Black body	Br(PBBs&PBDEs)	BL	1	/	PASS	Jan. 22, 2018
		DBP	N/A	BL	1	10	9
		BBP	N/A	BL	/	1	
		DEHP	N/A	BL	/	=	
		DIBP	N/A	BL	1	(2)	200





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(2)		Pb	BL	/	/	(%)	(67)
		Cd	BL	/	/		
		Hg	BL	/	/	=	
		Cr(Cr(VI))	BL	/	/		
133	Black body	Br(PBBs&PBDEs)	IN	/	N.D.	PASS	Jan. 22, 2018
	6.	DBP	N/A	BL	1	16	3
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	in.	(3
F)		Pb	BL	/	/	N)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	IN	/	N.D.		
134	Brown body	Br(PBBs&PBDEs)	BL	1 (/	PASS	Jan. 22, 2018 Feb. 7, 2018
		DBP	N/A	BL	/ /		
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1		(°)
(*)		Pb	BL	/	/	N)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	PCB	Cr(Cr(VI))	BL	/	/	PASS	Jan. 22, 2018
135		Br(PBBs&PBDEs)	IN	/	N.D.		
		DBP	N/A	BL	1	10	3
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	a:	(3
•)		Pb	BL	/	/	5)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	-0-	Cr(Cr(VI))	BL	/	/		
136	White body	Br(PBBs&PBDEs)	BL	1 (3	/	PASS	Jan. 22, 2018 Feb. 7, 2018
		DBP	N/A	BL	1	10	100. 7, 2016
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	(A)	200





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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(2)		Pb	#23.0×10 ³	/	/	(5)	(6)
		Cd	BL	/	/		0
		Нд	BL	/	/		
	-0-	Cr(Cr(VI))	IN	/	N.D.		
137	Black chip resistor	Br(PBBs&PBDEs)	BL	/	/	PASS	Jan. 22, 2018 Feb. 7, 2018
	Tesistoi	DBP	N/A	BL	///	16	Feb. 7, 2018
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	in a	
~)		Pb	BL	/	/	(((6)
		Cd	BL	/	/		
		Нд	BL	/	/	PASS	Jan. 22, 2018
	Plastic with	Cr(Cr(VI))	BL	1	/		
138	multicolor	Br(PBBs&PBDEs)	BL	1	/		
	printing	DBP	N/A	/	N.D.		
		BBP	N/A	/	N.D.		
		DEHP	N/A	/	N.D.		
		DIBP	N/A	/	N.D.		
· ")		Pb	BL	/	/ (6	(5)	(6)
		Cd	BL	/	/	PASS	Jan. 22, 2018
		Нд	BL	/	/		
	07 111	Cr(Cr(VI))	BL	/	/		
139	Silvery label with black	Br(PBBs&PBDEs)	BL	1 (2	/		
	printing	DBP	N/A	BL	1	10	
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/		
		DIBP	N/A	BL	1	a:	(°3
F)		Pb	BL	/	/	N)	(6)
		Cd	BL	/	/		(8)
		Нд	BL	/	/		
	Plastic with	Cr(Cr(VI))	BL	1	/		
140	multicolor	Br(PBBs&PBDEs)	BL	1 (2	/	PASS	Jan. 22, 2018
	printing	DBP	N/A	/	N.D.	1	
		BBP	N/A	/	N.D.		
		DEHP	N/A	/	N.D.		
	3	DIBP	N/A	/	N.D.	:20	/%



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Sample No.	Tested Sample/Part Description	Tested Items	XRF Screening Test	Phthalates Screening Test	Chemical Test (mg/kg)	Conclusion	Sample Received/ Resubmitted Date
(2)		Pb	BL	/	/ ((5)	(67)
		Cd	BL	/	/		
		Hg	BL	/	/	-	
	Silvery label	Cr(Cr(VI))	BL	/	/		
141	with black	Br(PBBs&PBDEs)	BL	/	/	PASS	Jan. 22, 2018
	printing	DBP	N/A	BL	1		3
		BBP	N/A	BL	/		
		DEHP	N/A	BL	/	-	
		DIBP	N/A	BL	1	Ti.	(3
·)		Pb	BL	/	1	S)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/	-	Jan. 22, 2018
	-0-	Cr(Cr(VI))	BL	/	/	PASS	
147	Metal with silvery plating	Br(PBBs&PBDEs)	N/A	/	/		
		DBP	N/A	/	1		
		BBP	N/A	/	/		
		DEHP	N/A	/	/	-	
		DIBP	N/A	/	1	60	
·)		Pb	BL	/	1		(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	Plastic with	Cr(Cr(VI))	BL	/	/		
148	multicolor	Br(PBBs&PBDEs)	BL	/	/	PASS	Jan. 22, 2018
	printing	DBP	N/A	/	N.D.	1	
		BBP	N/A	/	N.D.	-	
		DEHP	N/A	/	N.D.	-	
		DIBP	N/A	/	N.D.	6	(3
•)	-	Pb	BL	/	1	N)	(6)
		Cd	BL	/	/		
		Hg	BL	/	/		
	Silvery label	Cr(Cr(VI))	BL	/	/		
149	with black	Br(PBBs&PBDEs)	BL	1 (2	/	PASS	Jan. 22, 2018
	printing	DBP	N/A	BL	1	1 19	9)
		BBP	N/A	BL	/	1	
		DEHP	N/A	BL	/	1	
		DIBP	N/A	BL	1		/3



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Remark:

- N.D. = Not Detected (<MDL or LOQ)
- MDL = Method Detection Limit
- mg/kg = ppm = parts per million
- 1000mg/kg=0.1%
- /=Not tested
- IN= Uncertain, Further chemical test
- N/A= Not applicable
- BL = Under the screening limit
- OL = Further chemical test will be conducted while the result is above the screening limit.
- The sample is negative for Cr(VI) The Cr(VI) concentration is below 0.10μg/cm². The coating is considered a non-Cr(VI) based coating.
- When conducting the test for PBBs&PBDEs, XRF was introduced to screen Br Exclusively; When conducting the test for Hexavalent Chromium, XRF was introduced to screen Chromium exclusively.
- #1According to the client's statement, the material of the sample(s) fall into exemption items 6(c)according to EU Directive 2011/65/EU: Copper alloy containing up to 4% lead by weight.
 #2According to the client's statement, the material of the sample(s) fall into exemption items 7(c)-IV according to EU Directive 2011/65/EU: Lead in PZT based dielectric ceramic materials for capacitors being part of integrated circuits or discrete semiconductors.

According to the client's statement, the sample material reference information see table:

Sample No.	Sample No. in this Report
3	(6)
4	1
5	1
16	15
17	15
40	25
42	25
43	25
68	67
71.1	69.1
71.2	69.2
112	19
118	116
122	108
135	108
139	10
140	138
141	10





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Sample No.	Sample No. in this Report
148	138
149	10

Note: This testing report displaces the original report of No. A2180009119101001, and the original one No. A2180009119101001 was invalid since the date of this testing report released.



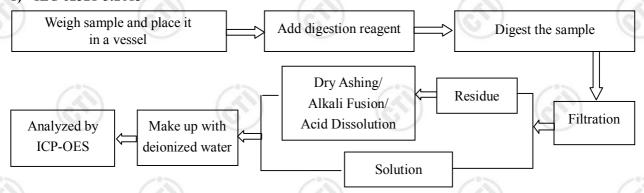


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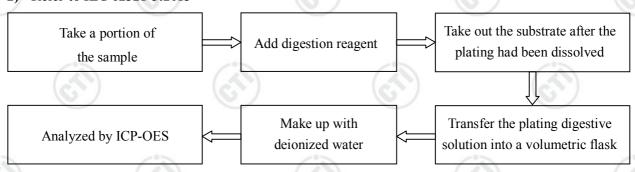
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Chemical Test Process

- 1. Lead (Pb), Cadmium (Cd)
- 1) IEC 62321-5:2013

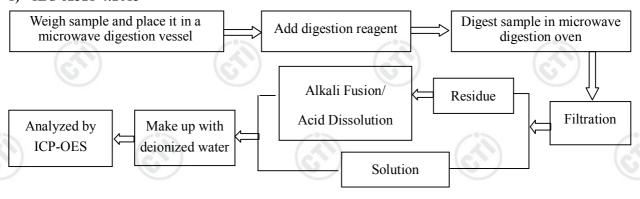


2) Refer to IEC 62321-5:2013

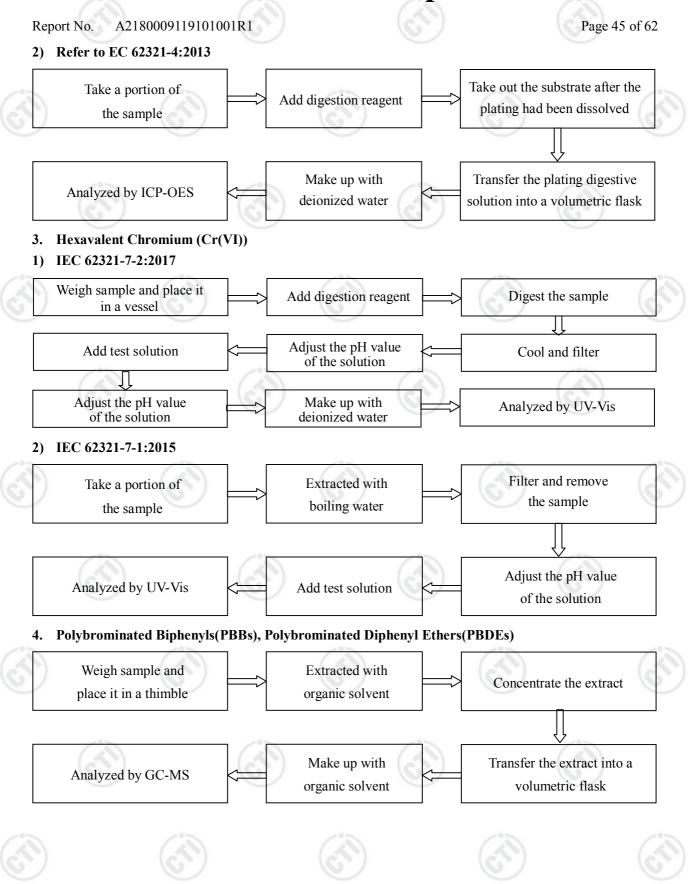


2. Mercury (Hg)

1) IEC 62321-4:2013

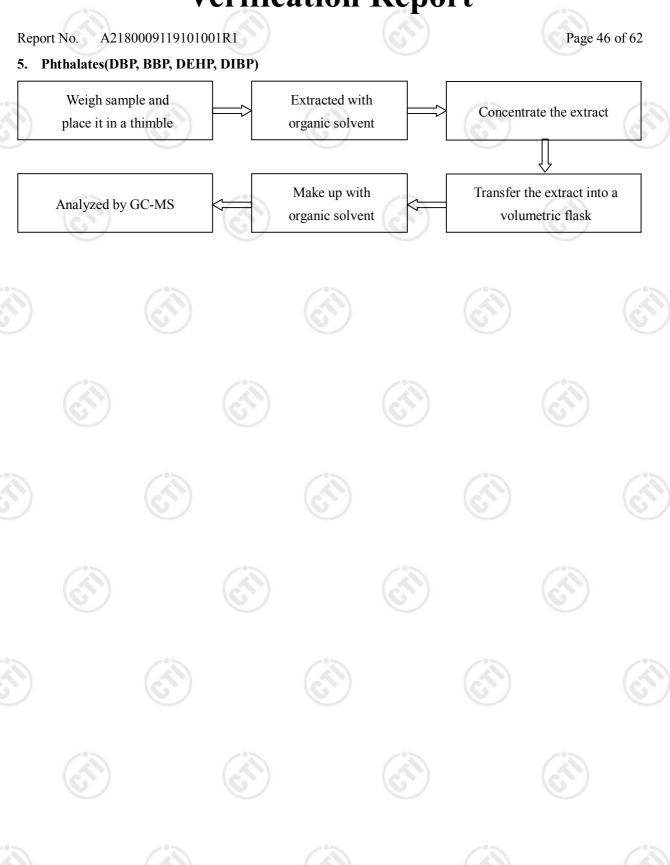










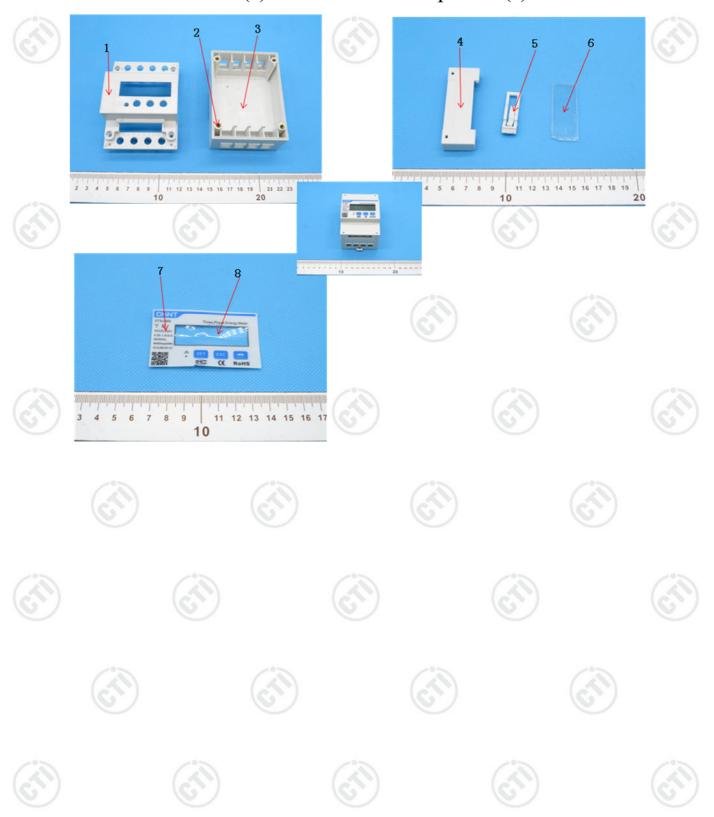






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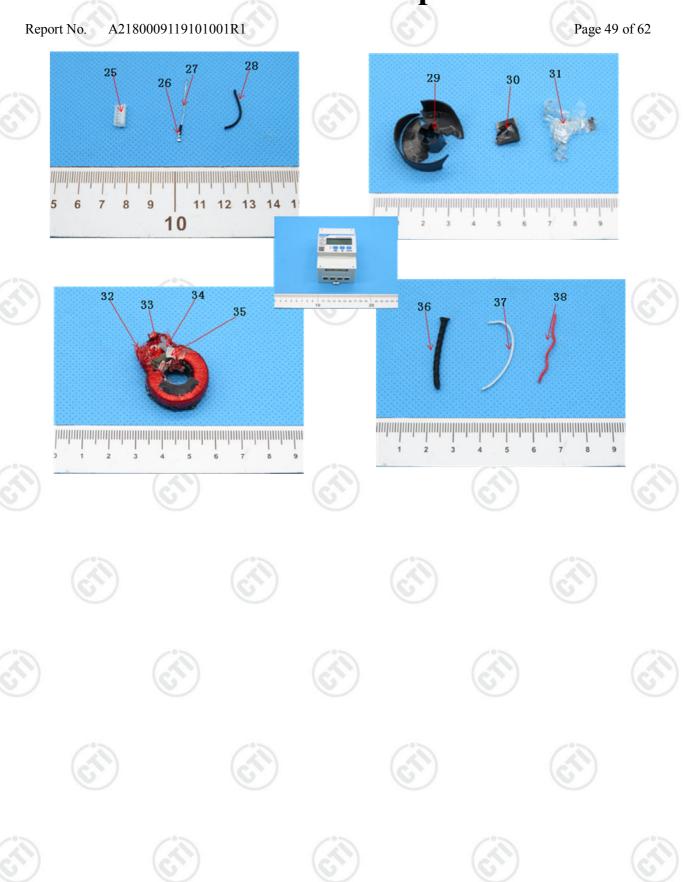
Photo(s) of the tested component(s)



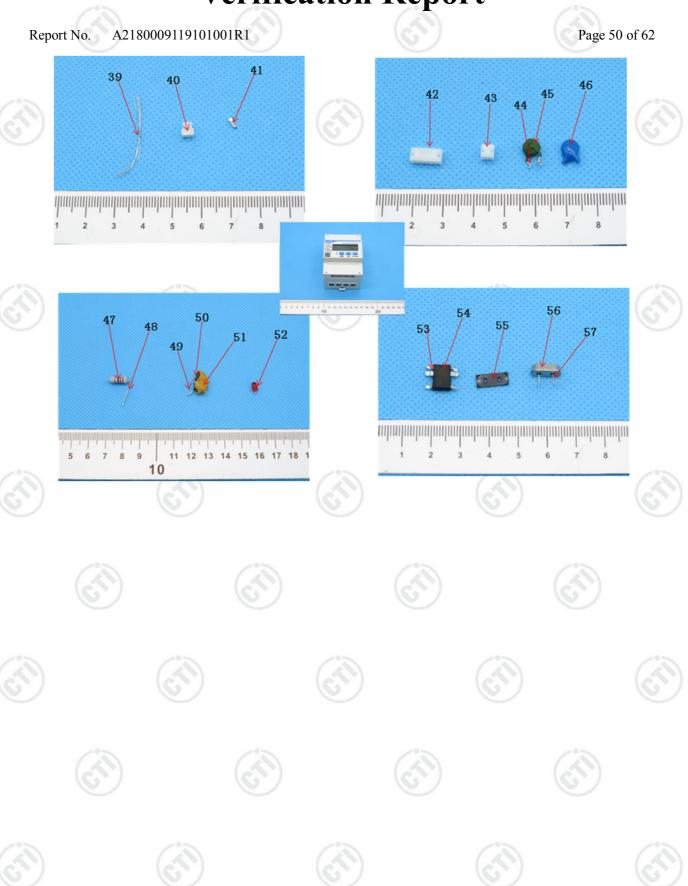












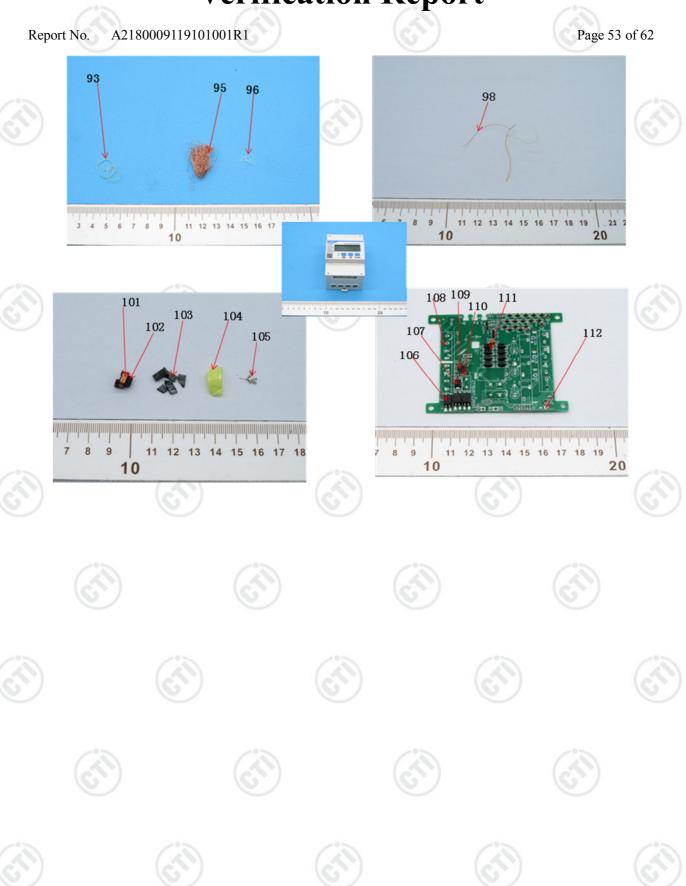




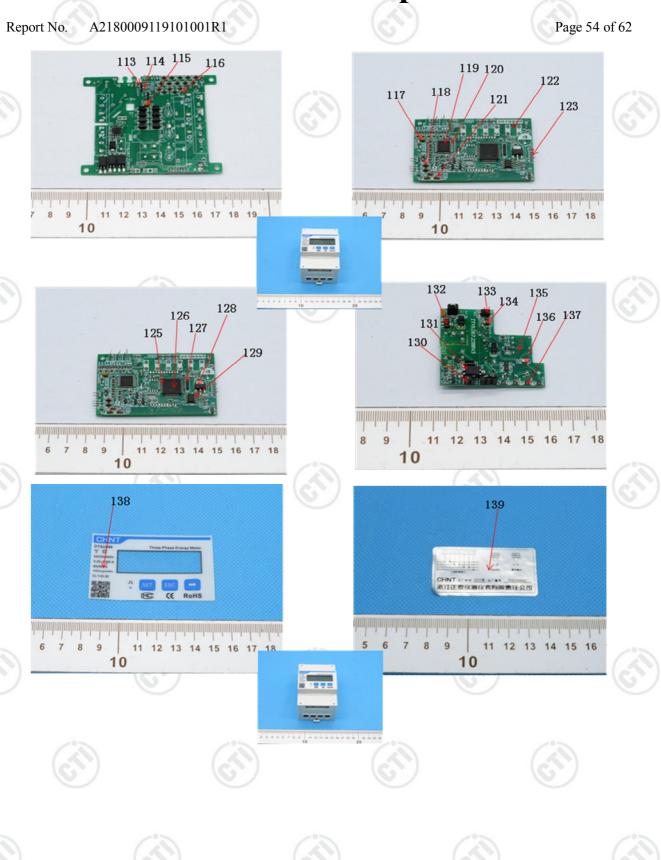








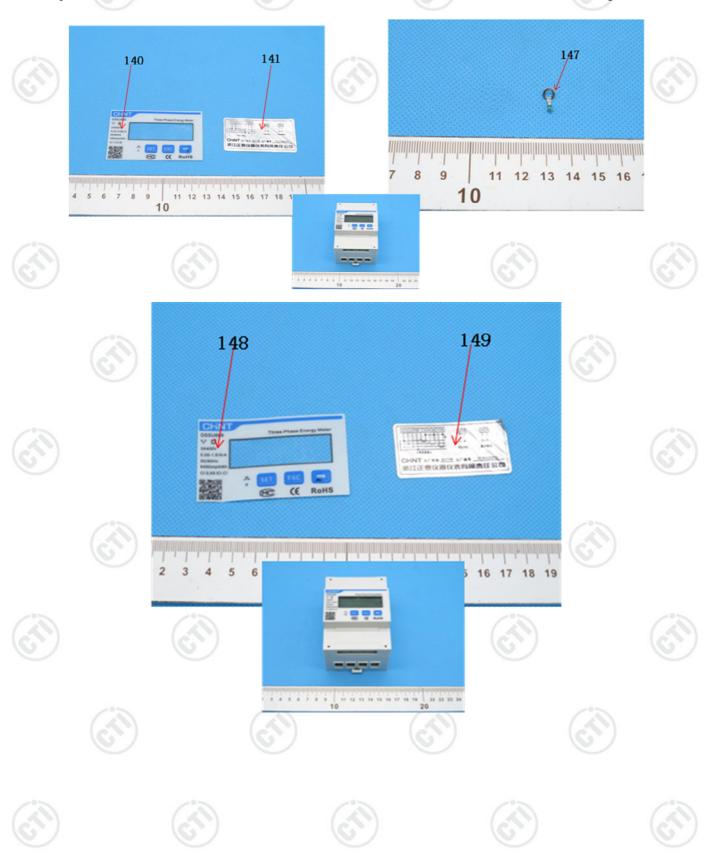






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Exempted Items of RoHS Directive

In accordance with Directive 2011/65/EU as amended , there are 41 exemption items in Annex III of 2011/65/EU altogether.

J11/65/EU	altogether.	(6)
	Exemption	Scope and dates of applicability
1	Mercury in single capped (compact) fluorescent lamps not exceeding (per burner):	
1(a)	For general lighting purposes < 30 W: 5 mg	Expires on 31 December 2011; 3,5 mg may be used per burner after 31 December 2011 until 31 December 2012; 2,5 mg shall be used per burner after 31 December 2012.
1(b)	For general lighting purposes ≥ 30 W and < 50	Expires on 31 December 2011; 3,5 mg may be
1(c)	W: 5 mg For general lighting purposes ≥ 50 W and < 150 W: 5 mg	used per burner after 31 December 2011.
1(d)	For general lighting purposes ≥ 150 W: 15 mg	
1(e)	For general lighting purposes with circular or square structural shape and tube diameter ≤17 mm	No limitation of use until 31 December 2011; 7 mg may be used per burner after 31 December 2011.
1(f)	For special purposes: 5 mg	
1(g)	For general lighting purposes < 30 W with a lifetime equal or above 20 000 h: 3,5 mg	Expires on 31 December 2017.
2(a)	Mercury in double-capped linear fluorescent lamps for general lighting purposes not exceeding (per lamp):	
2(a)(1)	Tri-band phosphor with normal lifetime and a tube diameter < 9 mm (e.g. T2): 5 mg	Expires on 31 December 2011; 4 mg may be used per lamp after 31 December 2011.
2(a)(2)	Tri-band phosphor with normal lifetime and a tube diameter ≥ 9 mm and ≤ 17 mm (e.g. T5): 5 mg	Expires on 31 December 2011; 3 mg may be used per lamp after 31 December 2011.
2(a)(3)	Tri-band phosphor with normal lifetime and a tube diameter > 17 mm and ≤ 28 mm (e.g. T8): 5 mg	Expires on 31 December 2011; 3,5 mg may be used per lamp after 31 December 2011.
2(a)(4)	Tri-band phosphor with normal lifetime and a tube diameter > 28 mm (e.g. T12): 5 mg	Expires on 31 December 2012; 3,5 mg may be used per lamp after 31 December 2012.
2(a)(5)	Tri-band phosphor with long lifetime (≥ 25 000 h): 8 mg	Expires on 31 December 2011; 5 mg may be used per lamp after 31 December 2011.
2(b)	Mercury in other fluorescent lamps not exceeding (per lamp):	
2(b)(1)	Linear halophosphate lamps with tube > 28 mm (e.g. T10 and T12): 10 mg	Expires on 13 April 2012.
2(b)(2)	Non-linear halophosphate lamps (all diameters): 15 mg	Expires on 13 April 2016.





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2(b)(3)	Non-linear tri-band phosphor lamps with tube	No limitation of use until 31 December 2011; 15
2424	diameter > 17 mm (e.g. T9)	mg may be used per lamp after 31 December 2011
2(b)(4)	Lamps for other general lighting and special	No limitation of use until 31 December 2011; 15
10	purposes (e.g. induction lamps).	mg may be used per lamp after 31 December 2011
3	Mercury in cold cathode fluorescent lamps and	
	external electrode fluorescent lamps (CCFL and	
	EEFL) for special purposes not exceeding (per	
	lamp):	
3(a)	Short length (≤500 mm)	No limitation of use until 31 December 2011; 3,5
		mg may be used per lamp after 31 December 2011
3(b)	Medium length (> 500 mm and ≤ 1 500 mm)	No limitation of use until 31 December 2011; 5 mg
		may be used per lamp after 31 December 2011.
3(c)	Long length (> 1500 mm)	No limitation of use until 31 December 2011; 13
- (3)		mg may be used per lamp after 31 December 2011
4(a)	Mercury in other low pressure discharge lamps	No limitation of use until 31 December 2011; 15
-r(u)	(per lamp).	mg may be used per lamp after 31 December 2011
1(b)	Mercury in High Pressure Sodium (vapour)	ing may be used per famp after 31 Determoet 2011
4(b)	- 11-	
	lamps for general lighting purposes not	
	exceeding (per burner) in lamps with improved	
	colour rendering index Ra > 60:	
4(b)-I	$P \leq 155 W$	No limitation of use until 31 December 2011; 30
		mg may be used per burner after 31 December
10		2011.
4(b)-II	155 W < P≤405 W	No limitation of use until 31 December 2011; 40
		mg may be used per burner after 31 December
		2011.
4(b)-III	P > 405 W	No limitation of use until 31 December 2011; 40
		mg may be used per burner after 31 December
	(C.)	2011.
4(c)	Mercury in other High Pressure Sodium	
` /	(vapour) lamps for general lighting purposes not	
	exceeding (per burner):	
4(c)-I	$P \le 155 W$	No limitation of use until 31 December 2011; 25
.(5) 1		mg may be used per burner after 31 December
		2011.
4(c)-II	155 W < P ≤ 405 W	No limitation of use until 31 December 2011; 30
T(U)-11	155 VV \1 2 TOS VV	mg may be used per burner after 31 December
	(:5)	70
4(-) 111	D > 405 W	2011.
4(c)-III	P > 405 W	No limitation of use until 31 December 2011; 40
		mg may be used per burner after 31 December
		2011.
4(d)	Mercury in High Pressure Mercury (vapour)	Expires on 13 April 2015.
[0]	lamps (HPMV).	
4(e)	Mercury in metal halide lamps (MH)	(0.7)



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4(f)	Mercury in other discharge lamps for special purposes not specifically mentioned in this Annex.		, e-
4(g)	Mercury in hand crafted luminous discharge tubes used for signs, decorative or architectural and specialist lighting and light-artwork, where the mercury content shall be limited as follows: (a) 20 mg per electrode pair + 0,3 mg per tube length in cm ,but not more than 80 mg, for outdoor applications and indoor applications	Expires on 31 December 2018.	
	exposed to temperatures below 20°C; (b) 15 mg per electrode pair + 0,24 mg per tube length in cm, but not more than 80 mg, for all other indoor applications.		(Š
5(a)	Lead in glass of cathode ray tubes.		0
5(b)	Lead in glass of fluorescent tubes not exceeding 0,2 % by weight.		
6(a)	Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0,35 % lead by weight.		
6(b)	Lead as an alloying element in aluminium containing up to 0,4 % lead by weight.		
6(c)	Copper alloy containing up to 4% lead by weight.		
7(a)	Lead in high melting temperature type solders (i.e. lead- based alloys containing 85 % by weight or more lead).		
7(b)	Lead in solders for servers, storage and storage array systems, network infrastructure equipment for switching, signalling, transmission, and network management for telecommunications.		
7(c)-I	Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound.	(ii)	(K)
7(c)-II	Lead in dielectric ceramic in capacitors for a rated voltage of 125 V AC or 250 V DC or higher.		
7(c)-III	Lead in dielectric ceramic in capacitors for a rated voltage of less than 125 V AC or 250 V DC.	Expires on 1 January 2013 and after to be used in spare parts for EEE placed market before 1 January 2013.	•





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7(c)-IV	Lead in PZT based dielectric ceramic materials for capacitors being part of integrated circuits or discrete semiconductors.	
8(a)	Cadmium and its compounds in one shot pellet type thermal cut-offs.	Expires on 1 January 2012 and after that date may be used in spare parts for EEE placed on the market before 1 January 2012.
8(b)	Cadmium and its compounds in electrical contacts.	
9	Hexavalent chromium as an anticorrosion agent of the carbon steel cooling system in absorption refrigerators up to 0,75 % by weight in the cooling solution.	
9(b)	Lead in bearing shells and bushes for refrigerant -containing compressors for heating, ventilation, air conditioning and refrigeration (HVACR) applications.	Applies to categories 8, 9 and 11; expires on: -21 July 2023 for category 8 in vitro diagnostic medical devices; -21 July 2024 for category 9 industrial monitoring and control instruments and for category 11; -21 July 2021 for other subcategories of categories 8 and 9.
9(b)-(I)	Lead in bearing shells and bushes for refrigerant -containing hermetic scroll compressors with a stated electrical power input equal or below 9 kW for heating, ventilation, air conditioning and	Applies to category 1; expires on 21 July 2019.
	refrigeration (HVACR) applications.	
11(a)	Lead used in C-press compliant pin connector systems.	May be used in spare parts for EEE placed on the market before 24 September 2010.
11(b)	Lead used in other than C-press compliant pin connector systems.	Expires on 1 January 2013 and after that date may be used in spare parts for EEE placed on the market before 1 January 2013.
12	Lead as a coating material for the thermal conduction module C-ring.	May be used in spare parts for EEE placed on the market before 24 September 2010.
13(a)	Lead in white glasses used for optical applications.	Applies to all categories; expires on: -21 July 2023 for category 8 in vitro diagnostic medical devices; -21 July 2024 for category 9 industrial monitoring and control instruments and for category 11; -21 July 2021 for all other categories and













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13(b)	Cadmium and lead in filter glasses and glasses	Applies to categories 8, 9 and 11; expires on:	
	used for reflectance standards.	-21 July 2023 for category 8 in vitro diagnostic	
	(%)	medical devices;	
		-21 July 2024 for category 9 industrial monitoring	
		and control instruments and for category 11;	
		-21 July 2021 for other subcategories of categories	
	20%	8 and 9.	
13(b)-	I and in ion coloured antical filter along tymes		
(I)	Lead in ion coloured optical filter glass types.		
13(b)-	Cadmium in striking optical filter glass types;	A	
(II)	excluding applications falling under point 39 of	Applies to categories 1 to 7 and 10; expires on 21	
	this Annex.	July 2021 for categories 1 to 7 and 10.	
13(b)-	Cadmium and lead in glazes used for reflectance	(25)	
(III)	standards.		
14		Eurines on 1 January 2011 and after that data may	
14	Lead in solders consisting of more than two elements for the connection between the pins	Expires on 1 January 2011 and after that date may be used in spare parts for EEE placed on the	
	and the package of microprocessors with a lead	market before 1 January 2011.	
	content of more than 80 % and less than 85 %	market before 1 January 2011.	
	by weight.		
15	Lead in solders to complete a viable electrical		
	connection between semiconductor die and		
	carrier within integrated circuit flip chip		
() ()	packages.	(2) (2	
16	Lead in linear incandescent lamps with silicate	Expires on 1 September 2013.	
17	coated tubes. Lead halide as radiant agent in high intensity		
1 /	discharge (HID) lamps used for professional	-0-	
	reprography applications.		
18(a)	Lead as activator in the fluorescent powder (1 %	Expires on 1 January 2011.	
10(11)	lead by weight or less) of discharge lamps when	2011	
	used as speciality lamps for diazoprinting		
	reprography, lithography, insect traps,		
	photochemical and curing processes containing		
	phosphors such as SMS ((Sr,Ba) ₂ MgSi ₂ O ₇ :Pb).	(6,)	
18(b)	Lead as activator in the fluorescent powder (1 %		
	lead by weight or less) of discharge lamps when		
	used as sun tanning lamps containing phosphors		
	such as BSP (BaSi ₂ O ₅ :Pb).		
19	Lead with PbBiSn-Hg and PbInSn-Hg in	Expires on 1 June 2011.	
	specific compositions as main amalgam and		
	with PbSn-Hg as auxiliary amalgam in very		
	compact energy saving lamps (ESL).		







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•	712100007117101001101		1 490 01 01 02
20	Lead oxide in glass used for bonding front and rear substrates of flat fluorescent lamps used for Liquid Crystal Displays (LCDs).	Expires on 1 June 2011.	
21	Lead and cadmium in printing inks for the application of enamels on glasses, such as borosilicate and soda lime glasses.		(c)
23	Lead in finishes of fine pitch components other than connectors with a pitch of 0, 65 mm and less.	May be used in spare parts for EEE placed on the market before 24 September 2010.	
24	Lead in solders for the soldering to machined through hole discoidal and planar array ceramic multilayer capacitors.		
25	Lead oxide in surface conduction electron emitter displays (SED) used in structural	C'S	(3
26	elements, notably in the seal frit and frit ring. Lead oxide in the glass envelope of black light blue lamps.	Expires on 1 June 2011.	6
27	Lead alloys as solder for transducers used in high-powered (designated to operate for several hours at acoustic power levels of 125 dB SPL and above) loudspeakers.	Expired on 24 September 2010	
29	Lead bound in crystal glass as defined in Annex I (Categories 1, 2, 3 and 4) of Council Directive 69/493/EEC.		
30	Cadmium alloys as electrical/mechanical solder joints to electrical conductors located directly on the voice coil in transducers used in high-powered loudspeakers with sound pressure levels of 100 dB (A) and more.		(c)
31	Lead in soldering materials in mercury free flat fluorescent lamps (which e.g. are used for liquid crystal displays, design or industrial lighting).	CI	
32	Lead oxide in seal frit used for making window assemblies for Argon and Krypton laser tubes.		
33	Lead in solders for the soldering of thin copper wires of 100 µm diameter and less in power transformers.	(cit)	(cr
34	Lead in cermet-based trimmer potentiometer elements.		
36	Mercury used as a cathode sputtering inhibitor in DC plasma displays with a content up to 30 mg per display.	Expired on 1 July 2010.	(cfi)
37	Lead in the plating layer of high voltage diodes on the basis of a zinc borate glass body.		
38	Cadmium and cadmium oxide in thick film pastes used on aluminium bonded beryllium oxide.		(A)





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39	Cadmium in colour converting II-VI LEDs (<	Expires on 1 July 2014.	
	10 μg Cd per mm 2 of light-emitting area) for		
0	use in solid state illumination or display	_0	_00
(0)	systems.		12
40	Cadmium in photoresistors for analogue	Expires on 31 December 2013.	(0)
	optocouplers applied in professional audio		
	equipment.		
41	Lead in solders and termination finishes of	Expires on 31 December 2018.	
	electrical and electronic components and		
	finishes of printed circuit boards used in ignition	(62)	
	modules and other electrical and electronic		
	engine control systems,		
	which for technical reasons must be mounted		
12.	directly on or in the crankcase or cylinder of	C°S	100
	hand-held combustion engines (classes SH:1,		(5
2	SH:2, SH:3 of Directive 97/68/EC of the		100
	European Parliament and of the Council.		

*** End of Report ***

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