



Shenzhen POCE Technology Co.,Ltd.

H Building, Hongfa Science and Technology Park,  
Tangtou, Shiyan, Bao'an District, Shenzhen, China

## CERTIFICATE OF CONFORMITY

Certificate No. : POCE19062129RCR

Applicant : [REDACTED]

Address : [REDACTED]  
[REDACTED]

Manufacturer : [REDACTED]

Address : [REDACTED]  
[REDACTED]

Product : Clock

Trade Name : N/A

Model(s) : 97060.44

Test Report No. : POCE19062129RRR

Test Standards : IEC 62321-3-1:2013; IEC 62321-4:2013; IEC 62321-5:2013;  
IEC 62321-6:2015; IEC 62321-7-1:2015; IEC 62321-8:2017

The EUT described above has been tested by us with the listed standards and found in compliance with the council **RoHS Directive(EU) 2015/863 amending Annex II to Directive 2011/65/EU**. It is possible to use **CE** marking to demonstrate the compliance with this **RoHS Directive**.



  
For Chief Executive / Jerry Yang  
Date: June 25, 2019

This certificate of conformity is based on a single evaluation of the submitted sample(s) of the above mentioned product. It does not imply an assessment of the whole production and other relevant directives have to be observed.



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**Testing method:**

1. With reference to IEC 62321-1:2013, review was performed for the samples disjoined from the submitted articles submitted by the Applicant
2. Tests were performed for the samples indicated by the photos in the report with test methods reference to IEC 62321-1:2013, Procedures for the determination of Levels of Six regulated Substances in Electrotechnical Products
  - (1) With reference to IEC 62321-3-1:2013, Screening by XRF spectorscop
  - (2) Wet Chemical Test Method
    - a. With reference to IEC 62321-5:2013, Determination of Lead & Cadmium by ICP-OES or AAS
    - b. With reference to IEC 62321-4:2013, Determination of Mercury by ICP-OES
    - c. With reference to IEC 62321-7-1:2015, Determination of Hexavalent Chromium by Spot or Colorimetic Methodcd
    - d. With reference to IEC 62321-6:2015, Derermination of PBBs and PBDEs by GC-MS
    - e. With reference to IEC 62321-8:2017, determination of DEHP, DIBP, DBP and BBP by GC-MS

**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.

Part No.	Part Description	Restricted Substance	Results of EDXRF	Result of wet Chemical Testing (2mg/kg)	Conclusion on RoHS	Sample submitted/ Resubmitted Date
1	Silver plastic case	Pb	BL	-	Comply	June 25, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(VI)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		BBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
2	battery	Pb	BL	-	Comply	June 25, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(VI)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		BBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
3	Digital Tube	Pb	BL	-	Comply	June 25, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(VI)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		BBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
4	Display	Pb	BL	-	Comply	June 25, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(VI)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		BBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		DIBP	IN	ND	Comply	



Part No.	Part Description	Restricted Substance	Results of EDXRF	Result of wet Chemical Testing (2mg/kg)	Conclusion on RoHS	Sample submitted/ Resubmitted Date
5	PCB	Pb	BL	-	Comply	June 25, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(VI)	BL	-	Comply	
		Br	IN	PBBs=ND PBDEs=ND	Comply	
		DEHP	IN	ND	Comply	
		BBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
6	Clock chip	Pb	BL	-	Comply	June 25, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(VI)	BL	-	Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		BBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
7	Solder tin	Pb	BL	-	Comply	June 25, 2019
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(VI)	BL	-	Comply	
		Br	-	-	-	
		DEHP	-	-	-	
		BBP	-	-	-	
		DBP	-	-	-	
		DIBP	-	-	-	

# Remark:

- (1) (a) It is the result on total Br while test item on restricted is PBBs/PBDEs. It is the result on total Cr6+ 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 Cr<sup>6+</sup>) and GC\MS (for PBBs, PBDEs) is recommended to be performed , if the concentration exceeds the below warning value according to IEC62321(unit: mg/kg)

Element	Polymer	Metal	Composite Materials
Cd	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$LOD < X < (150+3\sigma) \leq OL$
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	$BL \leq (300-3\sigma) < X$	--	$BL \leq (250-3\sigma) < X$
Cr	$BL \leq (700-3\sigma) < X$	$BL \leq (700-3\sigma) < X$	$BL \leq (500-3\sigma) < X$

(c)BL=Below Limit, OL=Over Limit, IN=Inconclusive, LOD=Limit of Detection, -=Not Regulated,

Negative = A negative test result indicated above p ositive observation was not found at the time of te sting. When the spot-test showed a negative result, the boiling-wat er-extraction procedure shall be used to verify the result.

(#1) = As claimed by the declaration submitted by t he client, the Lead content of the components is co ming from the constituent of ceramic part of the electronic c omponent only. According to EU RoHS Directive, Lead in electronic ceramic parts of this component can be exempted.

(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%, ND=Not Detected(<MDL)),

(b)Unit and Method Detection Limit(MDL)in wet chemical test

Test Items	Units	MDL	EU RoHS Limit
Pb	mg/kg	2	1000
Cd	mg/kg	2	100
Hg	mg/kg	2	1000
Cr(VI)	mg/kg	0.02 mg/50 cm <sup>2</sup> (Metal)	1000
		2	
PBBs	mg/kg	5	1000
PBDEs	mg/kg	5	1000
DEHP	mg/kg	5	1000
BBP	mg/kg	5	1000
DBP	mg/kg	5	1000
DIBP	mg/kg	5	1000

(c) According to IEC 62321, result on Cr for metal sample is shown as Positive\Negative, Negative=Absence of Cr6+ costing, Positive=Prosence of Cr 6+ coating.

(d) ▲As declared by the client the materials fall into exemption items according to RoHS Directive 2011\65\EU recasting 2002\95\EC



**Photograph of sample**

POCE authenticate the photo on original report only



Photo 1



Photo 2

\*\*\*\*\*END OF REPORT\*\*\*\*\*