

# TEST REPORT

**Applicant:** Shen Zhen Screen workshop technology Ltd  
**Address:** lock A1, no.4 Industrial District, Gong he village, Sha jing Town, Bao an District, Shenzhen, Guangdong, PRC

**The following sample(s) was/were submitted and identified on behalf of the client as:**

Product name: Manto electric projection screen  
Model: CX-MTWXXXXXXXXMWB-IR, CX-MTWXXXXXXXXMWE-IR  
Serial model: CX-MTWXXXXXXXXMWB-IR, CX-MTWXXXXXXXXMWE-IR  
XXXXXX represents the product size

Sample Received Date: Aug. 26, 2020  
Testing Period: Aug. 26, 2020 ~ Sep. 10, 2020

**Test Requirement:**

As specified by client, to determine the Hexabromocyclododecane (HBCDD), Short-chain chlorinated paraffins(SCCPs) content in the submitted sample according to POPs regulation (EU) 2019/1021.

**Test Result(s):** Please refer to the following page(s);

**Test Method:** Please refer to the following page(s);

Compiled by: Bella Reviewed by: Jack  
Approved by: Lqz Date: 2020-09-11

**Test Result(s):**

## 1. Hexabromocyclododecane (HBCDD)

Test item(s)	Result(s), mg/kg					Limit, mg/kg
	1	2	3	4	5	
Hexabromocyclododecane (HBCDD)	N.D.	N.D.	N.D.	N.D.	N.D.	100
Conclusion	Pass	Pass	Pass	Pass	Pass	/

Test item(s)	Result(s), mg/kg					Limit, mg/kg
	6	7	8	9	10	
Hexabromocyclododecane (HBCDD)	N.D.	N.D.	N.D.	N.D.	N.D.	100
Conclusion	Pass	Pass	Pass	Pass	Pass	/

Test item(s)	Result(s), mg/kg					Limit, mg/kg
	11	12	13	14	15	
Hexabromocyclododecane (HBCDD)	N.D.	N.D.	N.D.	N.D.	N.D.	100
Conclusion	Pass	Pass	Pass	Pass	Pass	/

Test item(s)	Result(s), mg/kg					Limit, mg/kg
	16	17	18	19	20	
Hexabromocyclododecane (HBCDD)	N.D.	N.D.	N.D.	N.D.	N.D.	100
Conclusion	Pass	Pass	Pass	Pass	Pass	/

Test item(s)	Result(s), mg/kg					Limit, mg/kg
	21	22	23	24	25	
Hexabromocyclododecane (HBCDD)	N.D.	N.D.	N.D.	N.D.	N.D.	100
Conclusion	Pass	Pass	Pass	Pass	Pass	/

Test item(s)	Result(s), mg/kg						Limit, mg/kg
	26	27	28	29	30	31	
Hexabromocyclododecane (HBCDD)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	100
Conclusion	Pass	Pass	Pass	Pass	Pass	Pass	/

## 2. Short-chain chlorinated paraffins(SCCPs)

Test item(s)	Result(s), mg/kg					Limit, mg/kg
	1	2	3	4	5	
Short-chain chlorinated paraffins(SCCPs)	N.D.	N.D.	N.D.	N.D.	N.D.	1500
Conclusion	Pass	Pass	Pass	Pass	Pass	/

Test item(s)	Result(s), mg/kg					Limit, mg/kg
	6	7	8	9	10	
Short-chain chlorinated paraffins(SCCPs)	N.D.	N.D.	N.D.	N.D.	N.D.	1500
Conclusion	Pass	Pass	Pass	Pass	Pass	/

Test item(s)	Result(s), mg/kg					Limit, mg/kg
	11	12	13	14	15	
Short-chain chlorinated paraffins(SCCPs)	N.D.	N.D.	N.D.	N.D.	N.D.	1500
Conclusion	Pass	Pass	Pass	Pass	Pass	/

Test item(s)	Result(s), mg/kg					Limit, mg/kg
	16	17	18	19	20	
Short-chain chlorinated paraffins(SCCPs)	N.D.	N.D.	N.D.	N.D.	N.D.	1500
Conclusion	Pass	Pass	Pass	Pass	Pass	/

Test item(s)	Result(s), mg/kg					Limit, mg/kg
	21	22	23	24	25	
Short-chain chlorinated paraffins(SCCPs)	N.D.	N.D.	N.D.	N.D.	N.D.	1500
Conclusion	Pass	Pass	Pass	Pass	Pass	/

Test item(s)	Result(s), mg/kg						Limit, mg/kg
	26	27	28	29	30	31	
Short-chain chlorinated paraffins(SCCPs)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1500
Conclusion	Pass	Pass	Pass	Pass	Pass	Pass	/

**Sample Description:**

NO.	Description
1	White coating
2	White plastic 1
3	Black sticker
4	Black plastic
5	White exterior wire jacket
6	White encapsulation
7	White plastic 2
8	Green PCB
9	Green plastic
10	Black plastic shell
11	Yellow plastic shell
12	Black transparent plastic
13	Grey plastic sheet
14	White plastic 3
15	Yellow plastic 1
16	Black curtain
17	Yellow-green wire jacket
18	Yellow plastic 2
19	Black plastic
20	Brown thick wire jacket
21	Blue thick wire jacket
22	Yellow thick wire jacket
23	Blue coating
24	Yellow plastic gear
25	White plastic gear
26	Black plastic gear
27	Beige plastic
28	Brown wire jacket
29	Blue wire jacket
30	Black wire jacket
31	White wire jacket

Notes: 1mg/kg=1ppm = 0.0001%  
 N.D. = Not Detected (<MDL)  
 MDL = Method Detection Limit  
 /=Not Regulated/Not Applicable

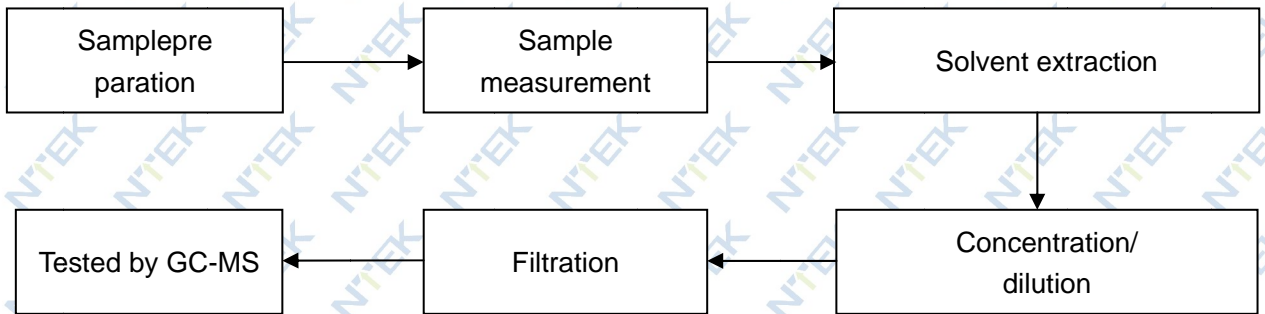
**Test Method:**

Tested Item(s)	Test Method	Test instrument	MDL
Hexabromocyclododecane (HBCDD)	US EPA 3550C:2007& US EPA 8270D:2014	GC-MS	5 mg/kg
Short-chain chlorinated paraffins(SCCPs)			100 mg/kg

**Test Flow:**

Tested by: Mike

Hexabromocyclododecane (HBCDD) & Short-chain chlorinated paraffins(SCCPs)



Sample photo(s):

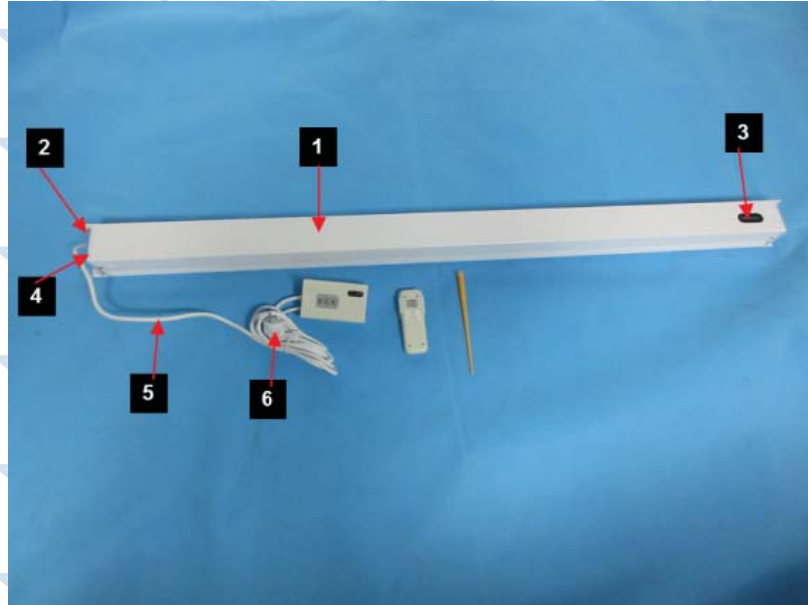


Fig.1

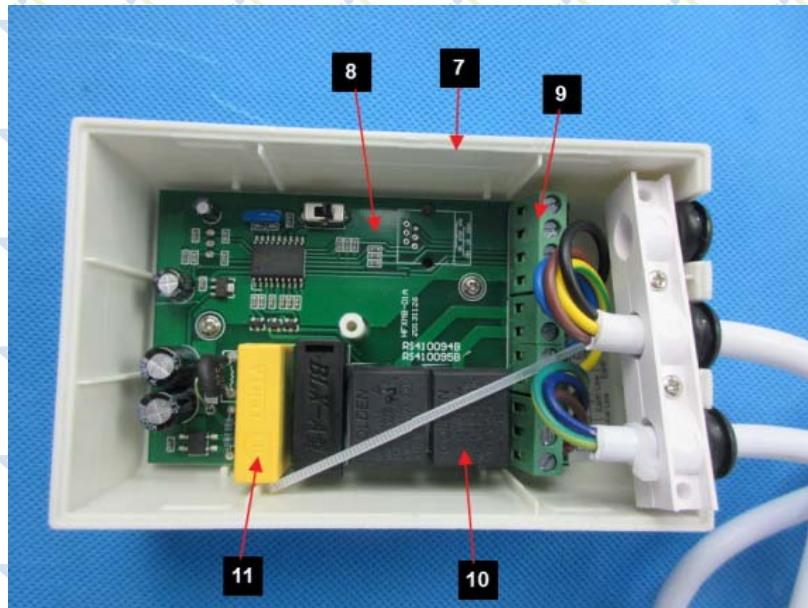


Fig.2

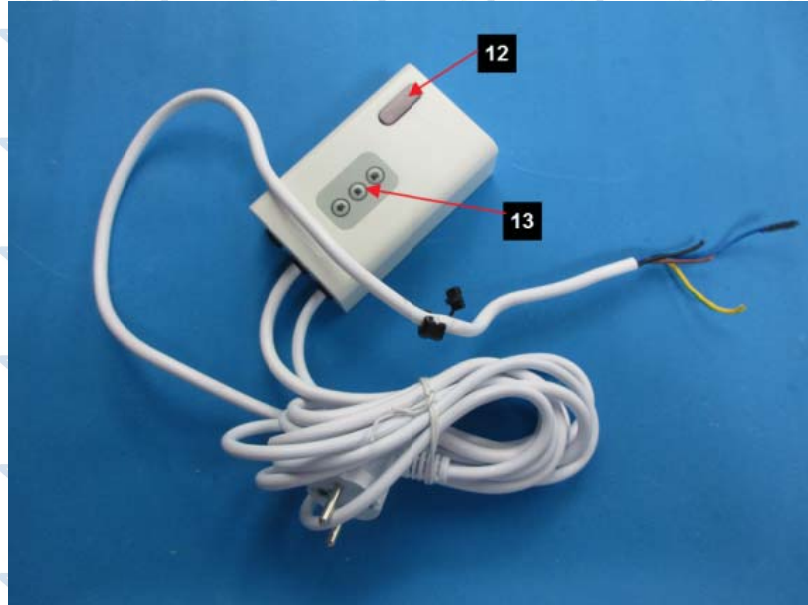


Fig.3

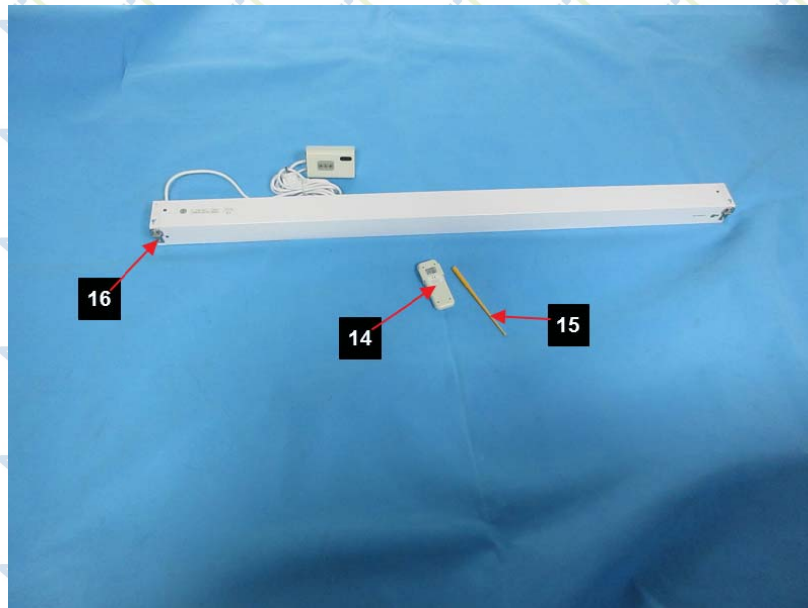


Fig.4

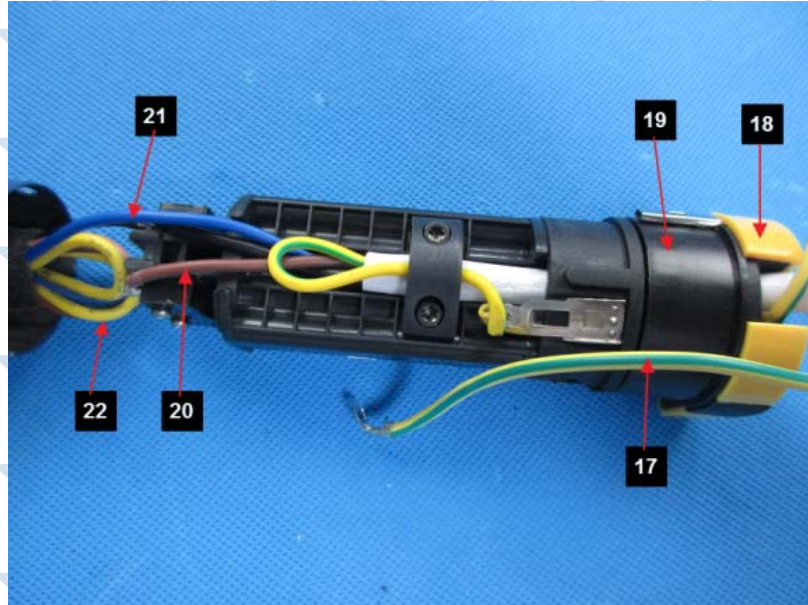


Fig.5



Fig.6



Fig.7

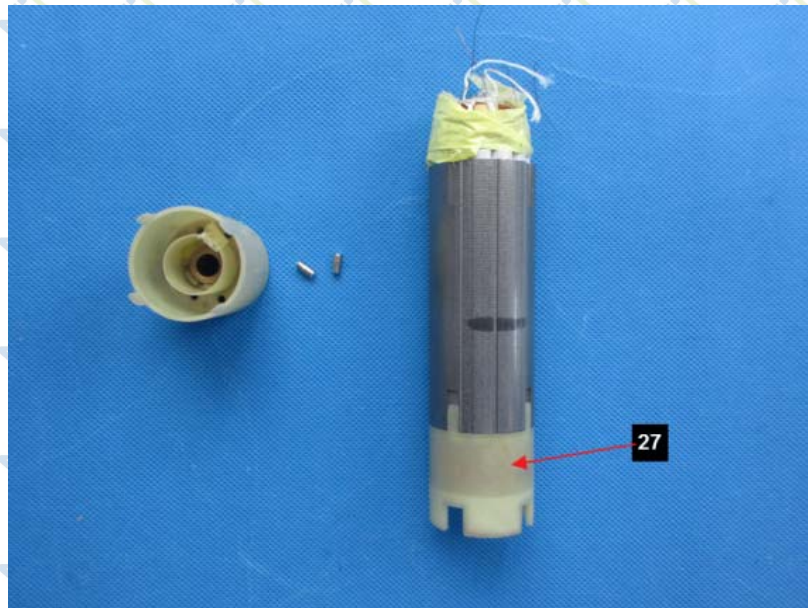


Fig.8

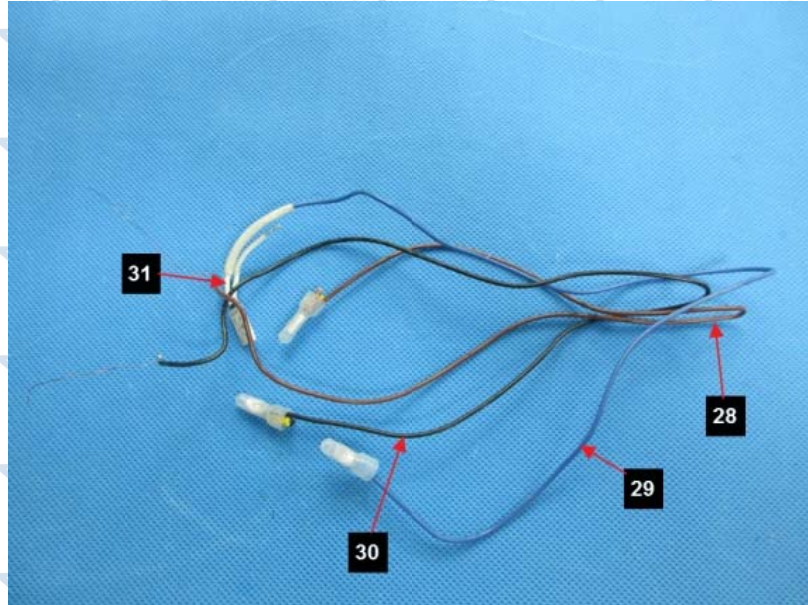


Fig.9

\*\*\*\*End of Report\*\*\*\*

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