

Applicant name:	Foshan Jimdoa Electric Appliance Co.,Ltd
Applicant address:	N0.7-8, South Are, No.8, Nangang Ave.Pingzhou, Guicheng, Nanhai District, Foshan, Guangdong

Sample information:

Sample Name:	Nail Drill
Sample Model:	JMD-E108, JMD-S108, JMD-C101, JMD-E101, JMD-S101, JMD-E102,
	JMD-S102, JMD-E103, JMD-S103, JMD-E207, JMD-S207, JMD-E307,
	JMD-S307, JMD-109P, JMD-109, JMD-168, JMD-188
Trade mark:	JIMDOA
Manufacturer:	Foshan Jimdoa Electric Appliance Co.,Ltd N0.7-8, South Are, No.8, Nangang Ave.Pingzhou, Guicheng, Nanhai District, Foshan, Guangdong
Sample Received Date:	Sep.24,2021
Testing Period:	Sep.24,2021~Sep.29,2021

Test Requested As specified by client, to determine the Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs, PBDEs, DEHP, BBP, DBP & DIBP content in the submitted sample compliance with RoHS directive 2011/65/EU Annex II amending Annex (EU)2015/863 and amending Annex (EU)2017/2102.

Test Method:

Tested Item(s)	Test Method	Measured Equipment(s)	MDL
Lead(Pb)	IEC 62321-5:2013	ICP-OES	2mg/kg
Cadmium(Cd)	IEC 62321-5:2013	ICP-OES	2mg/kg
Mercury(Hg)	IEC 62321-4:2013+A1:2017	ICP-OES	2mg/kg
Hexavalent Chromium(Cr(VI))	IEC 62321-7-1:2015 IEC 62321-7-2:2017	UV-VIS	2mg/kg
Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015	GC-MS	5mg/kg
Polybrominated Dipheny1 Ethers (PBDEs)	IEC 62321-6:2015	GC-MS	5mg/kg
Di-(2-ethylhexyl) phthalate(DEHP)	IEC 62321-8:2017	GC-MS	50mg/kg
Benzylbutyl phthalate(BBP)	IEC 62321-8:2017	GC-MS	50mg/kg
Dibutyl phthalate (DBP)	IEC 62321-8:2017	GC-MS	50mg/kg
Diisobutyl phthalate(DIBP)	IEC 62321-8:2017	GC-MS	50mg/kg

Test Result(s) Please refer to the following page(s).

Test by: Heber He Inspected by: Many 200

Approved by : _______ Date : _____Sep.29,2021

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Test Result:

No.	Part Name	Restricted	Limit (mg/kg)	Test Results
		Substances		
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
01	Plastic cover	PBBs	1000	N.D.
		PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
02	Plastic base	PBBs	1000	N.D.
02	Trastic dase	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
03	Silicone ring	PBBs	1000	N.D.
03	Sincone ring	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
04	Screw	PBBs	1000	-
04	Sciew	PBDEs	1000	-
		DEHP	1000	-
		BBP	1000	-
		DBP	1000	-
		DIBP	1000	-

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No.	Part Name	Restricted Substances	Limit (mg/kg)	Test Results
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
0.7		PBBs	1000	N.D.
05	Battery	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
		PBBs	1000	-
06	Metal decorative	PBDEs	1000	-
	ring	DEHP	1000	-
		BBP	1000	_
		DBP	1000	-
		DIBP	1000	_
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
0.7	D 1.11	PBBs	1000	N.D.
07	Battery holder	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
00	Magnetic lile de	PBBs	1000	-
08	Magnetic block	PBDEs	1000	-
		DEHP	1000	-
		BBP	1000	-
		DBP	1000	-
		DIBP	1000	-

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No.	Part Name	Restricted Substances	Limit (mg/kg)	Test Results
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
0.0		PBBs	1000	N.D.
09	Metal nameplate	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
		PBBs	1000	N.D.
10	Handheld	PBDEs	1000	N.D.
	connector	DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
1.1		PBBs	1000	N.D.
11	DC socket	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
1.0		PBBs	1000	N.D.
12	Internal connector	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.

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No.	Part Name	Restricted Substances	Limit (mg/kg)	Test Results
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr^{6+}	1000	N.D.
13	Electrolytic	PBBs	1000	N.D.
13		PBDEs	1000	N.D.
	capacitor	DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
14	NTC resistance	PBBs	1000	N.D.
14	NIC resistance	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
15	Canin a	PBBs	1000	-
13	Spring	PBDEs	1000	-
		DEHP	1000	-
		BBP	1000	-
		DBP	1000	-
		DIBP	1000	-
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
1.6	D117704	PBBs	1000	N.D.
16	Buzzer	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.

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N T	D. AN	Restricted	I · · · · · · · · · · · · · · · · · · ·	Test Results
No.	Part Name	Substances	Limit (mg/kg)	
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
1.7		PBBs	1000	N.D.
17	Inductance	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
1.0	Disited disurtes	PBBs	1000	N.D.
18	Digital display	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr^{6+}	1000	N.D.
19	Red black line	PBBs	1000	N.D.
19	Red black fille	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
20	IC	PBBs	1000	N.D.
20		PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.

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No.	Part Name	Restricted Substances	Limit (mg/kg)	Test Results
			1000	ND
	}	Pb	1000	N.D.
		Cd	100	N.D.
	}	Hg Cr ⁶⁺	1000	N.D.
	-		1000	N.D.
21	SMD diode	PBBs	1000	N.D.
	-	PBDEs	1000	N.D.
	}	DEHP	1000	N.D.
	}	BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
	,	Cd	100	N.D.
		Hg	1000	N.D.
	}	Cr ⁶⁺	1000	N.D.
22	SMT LED	PBBs	1000	N.D.
		PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
	,	DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
23	Chip resistor	PBBs	1000	N.D.
23	Chip resistor	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
24	Chip capacitor	PBBs	1000	N.D.
Z4	Chip capacitor	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
	<u> </u>	DIBP	1000	N.D.

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No.	Part Name	Restricted Substances	Limit (mg/kg)	Test Results
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr^{6^+}	1000	N.D.
25	PCB	PBBs	1000	N.D.
23	РСБ	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
26	C-14	PBBs	1000	_
26	Soldering	PBDEs	1000	-
		DEHP	1000	_
		BBP	1000	-
		DBP	1000	_
		DIBP	1000	_
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
27	Daliahina nan	PBBs	1000	N.D.
21	Polishing pen	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
20	A dante:	PBBs	1000	N.D.
28	Adapter	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.

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No.	Part Name	Restricted Substances	Limit (mg/kg)	Test Results
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
29	Connect line	PBBs	1000	N.D.
29	Connect fine	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
	Rubber holder	Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
30		PBBs	1000	N.D.
30		PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr^{6+}	1000	N.D.
31	Grinding head	PBBs	1000	N.D.
31	Officing ficad	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.

Note:

N.D. =Not Detected(<MDL) mg/kg = ppm =parts per million "- "=Not specified

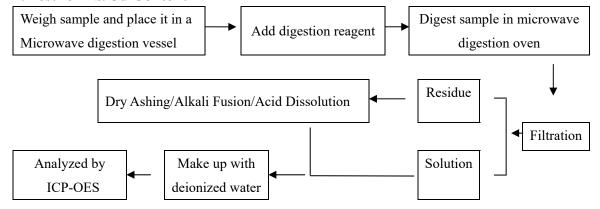
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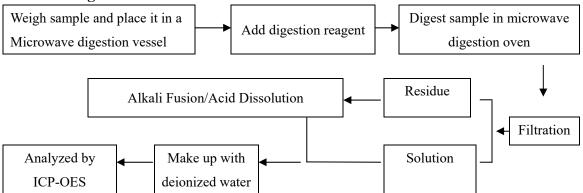


Test process

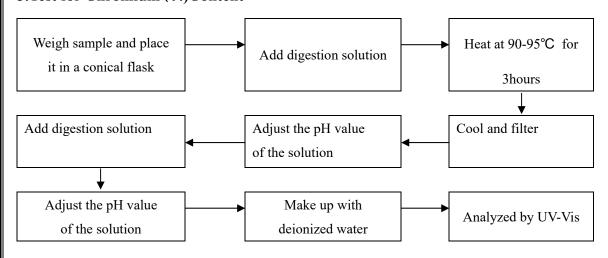
1. Test for Pb/Cd Content



2. Test for Hg Content



3. Test for Chromium (VI) Content



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4. Test for PBBs/PBDEs Content Weigh sample and Extracted with Concentrate the extract Place it in a thimble Organic solvent Analyzed by GC-MS Transfer the extract into a Make up with Volumetric flask Organic solvent **5. Phthalates Content** Weigh sample and Extracted with Concentrate the extract Place it in a thimble Organic solvent Analyzed by GC-MS Make up with Transfer the extract into a Volumetric flask Organic solvent

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Photo(s) of the sample(s)

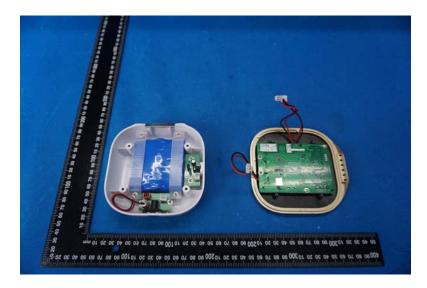


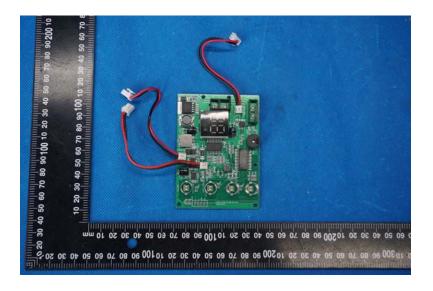


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*** End of report ***

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