





Report No.: JC-RCPC240110

For RoHS Directive 2011/65/EU Annex [[&(EU) 2015/863

Applicant:	SMISS Technology Co., Ltd.		
Manufacturer:	A sixtle girtle girtle girtle		
Name of Sample:	Disposable electronic cigarette		
Brand:	Abu Rashed		
Model:	77777		
Date of Issuance:	Feb. 01, 2024		

Skyte Testing Services Guangdong Co., Ltd.









Report Date: Feb. 01, 2024

Applicant Name: SMISS Technology Co., Ltd.

Applicant Add.: Building 3, Mingwei Industrial Park, No. 1, Songgang Avenue, Baoan District Shenzhen.

.. China 518105

Test samples were submitted by the applicant, report on the submitted samples said to be:

Sample Name: Disposable electronic cigarette

Brand: Abu Rashed

Model: 77777

Sample Received Date: Jan. 29, 2024

Testing Period: Jan. 29, 2024 to Feb. 01, 2024

Tests Conducted: As requested by the applicant. See the following pages for details.

Signed for and on behalf of vices Guango Skyte Testing Services Changedong Co. Ctd.

Testing Services

Testing Services

Testing Services

Testing Services

Vanessa Huang / Technical Director CNAS Approved Signatory

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\*

#### **Test Requirement and Conclusion:**

Test Items	Standard	Conclusion
Pb, Cd, Hg, Cr <sup>6+</sup> , DBP, BBP, DEHP, DIBP, PBBs, PBDEs	EU RoHS <i>Directive 2011/65/EU Annex II &amp;</i> (EU) 2015/863	See test results

\*







#### **Test Results**

St. St. St. St.	Test Component No. & Test Results (mg/kg)			MDL	Limits#1
Test Items	(1+2+5)*	(3+4)*	(6+7+8)*	(mg/kg)	(mg/kg)
Cadmium (Cd)	N.D.	N.D.	N.D.	2	100
Lead (Pb)	N.D.	N.D.	N.D.	2	1000
Mercury (Hg)	N.D.	N.D.	N.D.	2	1000
Chromium (VI) (Cr <sup>6+</sup> )	N.D.	N.D.	N.D.	1 9	1000
Dibutyl phthalate (DBP)	N.D.	N.D.	N.D.	50	1000
Benzyl butyl phthalate (BBP)	N.D.	N.D. 5	N.D.	50	1000
Diethyl hexyl phthalate (DEHP)	N.D.	N.D.	N.D.	50	1000
Di-iso-butyl ortho-phthalate (DIBP)	N.D.	S N.D.S	N.D.	50	1000
Sum of Polybrominated Biphenyls (PBBs)	N.D.	N.D.	N.D.	(1) - 1	1000
Monobromobiphenyl (MonoBB)	N.D.	N.D.	N.D.	5	7
Dibromobiphenyl (DiBB)	N.D.	N.D.	N.D.	5	1 <u> </u>
Tribromobiphenyl (TriBB)	N.D.	N.D.	N.D.	5	~ <del>-</del>
Tetrabromobiphenyl (TetraBB)	N.D.	N.D.	N.D.	5	-31-7
Pentabromobiphenyl (PentaBB)	N.D.	N.D.	N.D.	5	( — x
Hexabromobiphenyl (HexaBB)	N.D.	N.D.	N.D.	5	-51-7
Heptabromobiphenyl (HeptaBB)	N.D.	N.D.	N.D.	5	
Octabromobiphenyl (OctaBB)	N.D.	N.D.	N.D.	5	4
Nonabromobiphenyl (NonaBB)	N.D.	N.D.	N.D.	5	
Decabromobiphenyl (DecaBB)	N.D.	N.D.	N.D.	5	<u> </u>
Sum of Polybrominated Diphenyl Ethers (PBDEs)	N.D.	N.D.	N.D.	·	1000
Monobromodiphenyl Ether (MonoBDE)	N.D.	N.D.	N.D.	5	2,
Dibromodiphenyl Ether (DiBDE)	N.D.	N.D.	N.D.	5	-
Tribromodiphenyl Ether (TriBDE)	N.D.	N.D.	N.D.	55	5
Tetrabromodiphenyl Ether (TetraBDE)	N.D.	N.D.	N.D.	5	-1
Pentabromodiphenyl Ether (PentaBDE)	S N.D.	N.D.	N.D.	5	2,,
Hexabromodiphenyl Ether (HexaBDE)	N.D.	N.D.	N.D.	5	1
Heptabromodiphenyl Ether (HeptaBDE)	S N.D. S	N.D.	N.D.	5	- <u>- (</u>
Octabromodiphenyl Ether (OctaBDE)	N.D.	N.D.	N.D.	5	Ci. Ci
Nonabromodiphenyl Ether (NonaBDE)	9 N.D.	N.D.	N.D.	5	70
Decabromodiphenyl Ether (DecaBDE)	N.D.	N.D.	N.D.	5	1.1

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Report No.: JC-RCPC240110

	Test Componen	MDL	Limits <sup>#1</sup>		
Test Items	(9+10+11+12)*	13	(14+15+16+ 17+18)*	(mg/kg)	(mg/kg)
Cadmium (Cd)	N.D.	S N.D.	N.D.	2	100
Lead (Pb)	N.D.	N.D.	7	2	1000
Mercury (Hg)	N.D.	N.D.	N.D.	2	1000
Chromium (VI) (Cr <sup>6+</sup> )	N.D.	N.D.	N.D.	1	1000
Dibutyl phthalate (DBP)	N.D.	S. N.D.	N.D.	50	1000
Benzyl butyl phthalate (BBP)	N.D.	N.D.	N.D.	50	1000
Diethyl hexyl phthalate (DEHP)	N.D.	N.D.	N.D.	50	1000
Di-iso-butyl ortho-phthalate (DIBP)	N.D.	N.D.	N.D.	50	1000
Sum of Polybrominated Biphenyls (PBBs)	N.D.	N.D.	N.D.	<del></del>	1000
Monobromobiphenyl (MonoBB)	N.D.	N.D.	N.D.	5 5	-3
Dibromobiphenyl (DiBB)	N.D.	N.D.	N.D.	5	(×
Tribromobiphenyl (TriBB)	N.D.	N.D.	N.D.	59	3
Tetrabromobiphenyl (TetraBB)	N.D.	N.D.	N.D.	5	×
Pentabromobiphenyl (PentaBB)	N.D.	N.D.	S N.D.	5	3
Hexabromobiphenyl (HexaBB)	N.D.	N.D.	N.D.	5 5	Ý(
Heptabromobiphenyl (HeptaBB)	N.D.	N.D.	9" N.D.	5	5
Octabromobiphenyl (OctaBB)	N.D.	N.D.	N.D.	5	·(
Nonabromobiphenyl (NonaBB)	N.D.	N.D.	S <sup>N</sup> .D.	5	5
Decabromobiphenyl (DecaBB)	N.D.	N.D.	N.D.	5	
Sum of Polybrominated Diphenyl Ethers (PBDEs)	N.D.	N.D.	N.D.	5	1000
Monobromodiphenyl Ether (MonoBDE)	N.D.	N.D.	N.D.	5	4.7
Dibromodiphenyl Ether (DiBDE)	N.D.	N.D.	N.D.	5	
Tribromodiphenyl Ether (TriBDE)	N.D.	N.D.	N.D.	5	21.7
Tetrabromodiphenyl Ether (TetraBDE)	N.D.	N.D.	N.D.	5	
Pentabromodiphenyl Ether (PentaBDE)	N.D.	N.D.	N.D.	5	5
Hexabromodiphenyl Ether (HexaBDE)	N.D.	N.D.	N.D.	5	-
Heptabromodiphenyl Ether (HeptaBDE)	N.D.	N.D.	N.D.	5 5	9
Octabromodiphenyl Ether (OctaBDE)	N.D.	N.D.	N.D.	5	<del>****</del>
Nonabromodiphenyl Ether (NonaBDE)	N.D.	N.D.	N.D.	5 5	9
Decabromodiphenyl Ether (DecaBDE)	N.D.	N.D.	N.D.	5	4

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The strength strength	Test Component No. & Test Results (mg/kg)				Limits <sup>#1</sup>
Test Items	(19+20+21+22+23)*	24	25	(mg/kg)	(mg/kg)
Cadmium (Cd)	N.D.	N.D.	N.D.	2	100
Lead (Pb)	N.D.	31	37	2	1000
Mercury (Hg)	N.D.	N.D.	N.D.	2	1000
Chromium (VI) (Cr <sup>6+</sup> )	N.D.	N.D.	N.D.	1	1000
Dibutyl phthalate (DBP)	N.D.	N.D.	N.D.	50	1000
Benzyl butyl phthalate (BBP)	N.D.	N.D.	N.D.	50	1000
Diethyl hexyl phthalate (DEHP)	N.D.	N.D.	N.D.	50	1000
Di-iso-butyl ortho-phthalate (DIBP)	N.D.	N.D.	N.D.	50	1000
Sum of Polybrominated Biphenyls (PBBs)	N.D.	N.D.	N.D.		1000
Monobromobiphenyl (MonoBB)	N.D.	N.D.	N.D.	5	- <del>- 2</del> i
Dibromobiphenyl (DiBB)	N.D.	N.D.	N.D.	5	<u> </u>
Tribromobiphenyl (TriBB)	N.D.	N.D.	N.D.	5	-5
Tetrabromobiphenyl (TetraBB)	N.D.	N.D.	N.D.	5	<.—.
Pentabromobiphenyl (PentaBB)	N.D.	N.D.	N.D.	5	-5
Hexabromobiphenyl (HexaBB)	N.D.	N.D.	N.D.	5 .	<
Heptabromobiphenyl (HeptaBB)	N.D.	N.D.	N.D.	5	-5:
Octabromobiphenyl (OctaBB)	N.D.	N.D.	N.D.	5 5	·
Nonabromobiphenyl (NonaBB)	N.D.	N.D.	N.D.	5	2,
Decabromobiphenyl (DecaBB)	N.D.	N.D.	N.D.	5	-
Sum of Polybrominated Diphenyl Ethers (PBDEs)	N.D.	N.D.	N.D.	2,	1000
Monobromodiphenyl Ether (MonoBDE)	N.D.	N.D.	N.D.	5	4
Dibromodiphenyl Ether (DiBDE)	N.D.	N.D.	N.D.	5	3
Tribromodiphenyl Ether (TriBDE)	N.D.	N.D.	N.D.	5	
Tetrabromodiphenyl Ether (TetraBDE)	N.D.	N.D.	N.D.	5	5
Pentabromodiphenyl Ether (PentaBDE)	N.D.	N.D.	N.D.	5	4
Hexabromodiphenyl Ether (HexaBDE)	N.D.	N.D.	N.D.	5	
Heptabromodiphenyl Ether (HeptaBDE)	N.D.	N.D.	N.D.	5	Ci-Tr
Octabromodiphenyl Ether (OctaBDE)	N.D.	N.D.	N.D.	5	<del></del>
Nonabromodiphenyl Ether (NonaBDE)	N.D.	N.D.	N.D.	5	Si <del>T</del>
Decabromodiphenyl Ether (DecaBDE)	N.D.	N.D.	N.D.	5	*

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Transfer	Test Component No. & Test Results				MD	-01.7	Si.T.
Test Items	26	S 27 S	28	29	MDL	Limits	Unit
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	2	100	mg/kg
Lead (Pb)	56	320	78	66	2	1000	mg/kg
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2	1000	mg/kg
Chromium (VI) (Cr <sup>6+</sup> )	Negative <sup>#2</sup>	Negative <sup>#2</sup>	Negative <sup>#2</sup>	Negative <sup>#2</sup>	0.10	1000	μg/cm <sup>2</sup>

The sales of	Test Con		Sir. C	5 <sup>1</sup> 5 <sup>1</sup>		
Test Items	30	31	32	MDL	Limits	Unit
Cadmium (Cd)	N.D.	N.D.	N.D.	2	100	mg/kg
Lead (Pb)	102	223	32	2	1000	mg/kg
Mercury (Hg)	N.D.	N.D.	N.D.	2	1000	mg/kg
Chromium (VI) (Cr <sup>6+</sup> )	Negative <sup>#2</sup>	Negative <sup>#2</sup>	Negative <sup>#2</sup>	0.10	1000	μg/cm <sup>2</sup>

Tested by: Xu Guichun, Chen Junlong

Checked by: Ruan Jie, Huang Xiangwei

#### Remarks:

(1) mg/kg = milligram per kilogram

(2)  $\mu g/cm^2$  = micrograms per square centimeter

(3) MDL = method detection limit

(4) N.D. = not detected, less than MDL

(5) \* = As per the applicant's request, the mixed test was conducted.

(6) #1 = The limit for the test result is 1/n of the value in column (where "n" is the number of mixed samples).

(7) #2 = A Negative result indicates no Cr<sup>6+</sup> detected, a Positive result indicates the presence of Cr<sup>6+</sup>.

#### **Test Component Descriptions:**

- 1. White plastic with white printing and blue coating (shell)
- 2. Dark grey plastic (mouthpiece)
- 3. Colorless transparent plastic (e-liquid storage tube)
- 4. Colorless transparent plastic (heating core base)
- 5. White plastic (base bracket)
- 6. White soft plastic (upper rubber stopper)
- 7. White soft plastic (bottom rubber stopper)
- 8. White soft plastic (mouthpiece sealing plug)
- 9. White sponge (e-liquid storage cotton)

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- 10. White sponge (e-liquid absorption cotton)
- 11. White sponge (e-liquid separate cotton)
- 12. White sponge (e-liquid guide cotton)
- 13. White plastic (fiberglass tube)
- 14. Black plastic (wire sheath)
- 15. Red plastic (wire sheath)
- 16. Blue plastic (wire sheath)
- 17. Yellow plastic (wire sheath)
- 18. White plastic (wire sheath)
- 19. Black mucosa with viscose (battery EVA pad)
- 20. Green gasket with viscose (battery site)
- 21. Red gasket with viscose (battery site)
- 22. Yellow mucosa with viscose (battery site)
- 23. Colorless transparent plastic with black printing (battery site)
- 24. Grey plastic with silvery metal (USB)
- 25. Circuit board with various components (PCB)
- 26. Silvery metal (electric wire)
- 27. Silvery metal (heating coil)
- 28. Silvery metal (heating coil bracket)
- 29. Silvery metal (e-cigarette controller)
- 30. Silvery metal (USB)
- 31. Silvery metal (screw)
- 32. Silvery metal (battery connector)

### **Test Methods**

Test Items	Test Methods	<b>Test Instruments</b>
Cd, Pb	IEC 62321-5:2013	ICP-OES
Hg	IEC 62321-4:2013+AMD 1:2017 CSV	ICP-OES
Cr <sup>6+</sup>	IEC 62321-7-1:2015 / IEC 62321-7-2:2017	UV-Vis
PBBs, PBDEs	IEC 62321-6:2015	GC-MS
DBP, BBP, DEHP, DIBP	IEC 62321-8:2017	GC-MS

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Test Flowchart		
1. Test for Cd / Pb / Hg contents		
Weighted sample and put into a microwave digestion tube /beaker	Add digestion reagent	Digest the sample completely in microwave digestion oven /electric hot plate
St., St., St., St., St.,		
Determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)	Made up to constant volume with deionized water	The digested solution was transferred into a volumetric flask
<ul> <li>2. Test for Cr<sup>6+</sup> content</li> <li>2.1 Determination of Cr<sup>6+</sup> in polymers</li> </ul>	and electronics by the colorimetric met	thod
Weighted the sample and put into a conical flask	Add digestion solution and heat in themostatic shaking water baths	Adjust the pH of extracted solution to $7.5 \pm 0.5$ and transfer into a colorimetric tube, made up to constant volume with deionized water
	AND SELL SELLS	
Determined by UV-Vis	Adjust the pH to $2.0 \pm 0.5$ and make up with deionized water	Add diphenylcarbazide solution
2.2 Determination of Cr <sup>6+</sup> in colourless	and coloured corrosion-protected coat	ings on metals by the colorimetric method
Weigh testing sample of surface area (50±5) cm <sup>2</sup> , put into beaker	Add 50 mL deionized water and boiling for 10 minutes	Filtrated, then add 1 mL analytical pure orthophosphorus
	The state of the state of	acid solution into the filtrate
Determined by UV-Vis	Add 1,5-diphenylcarbazide solution	
3. Test for PBBs / PBDEs, DBP, BB	P, DEHP, DIBP contents	THE WARE STATE STATE STATE
Weighted sample was put into a thimble	Extracted by solvent in Soxhlet extractor	Concentrate the extract
Sin' Sin' Sin' Sin'		
Determined by Gas Chromatographic- Mass Spectrometer	Made up with organic solvent	Transfer the extract into a volumetric flask

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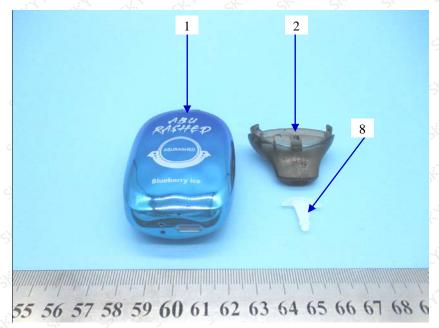
Website: www.skyte.com.cn Email: service@skyte.com.cn Postcode: 518101







### **Sample Photos**



Test Component No.1: White plastic with white printing and blue coating (shell)

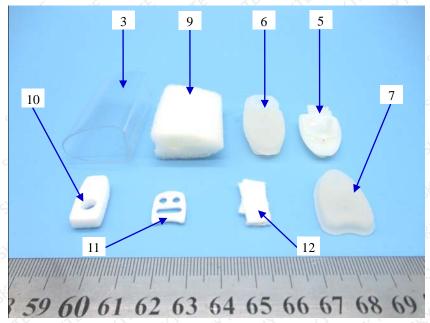
Test Component No.2: Dark grey plastic (mouthpiece)

Test Component No.8: White soft plastic (mouthpiece sealing plug)









Test Component No.3: Colorless transparent plastic (e-liquid storage tube)

Test Component No.5: White plastic (base bracket)

Test Component No.6: White soft plastic (upper rubber stopper)

Test Component No.7: White soft plastic (bottom rubber stopper)

Test Component No.9: White sponge (e-liquid storage cotton)

Test Component No.10: White sponge (e-liquid absorption cotton)

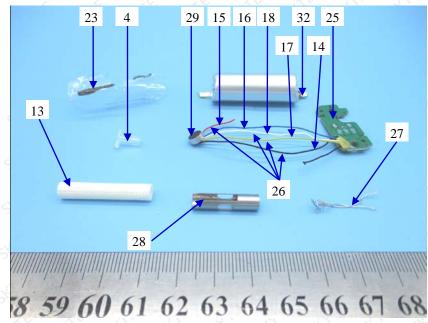
Test Component No.11: White sponge (e-liquid separate cotton)

Test Component No.12: White sponge (e-liquid guide cotton)









Test Component No.4: Colorless transparent plastic (heating core base)

Test Component No.13: White plastic (fiberglass tube)

Test Component No.14: Black plastic (wire sheath)

Test Component No.15: Red plastic (wire sheath)

Test Component No.16: Blue plastic (wire sheath)

Test Component No.17: Yellow plastic (wire sheath)

Test Component No.18: White plastic (wire sheath)

Test Component No.23: Colorless transparent plastic with black printing

(battery site)

Test Component No.25: Circuit board with various components (PCB)

Test Component No.26: Silvery metal (electric wire)

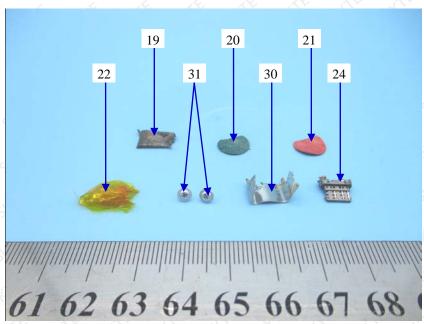
Test Component No.27: Silvery metal (heating coil)

Test Component No.28: Silvery metal (heating coil bracket)

Test Component No.29: Silvery metal (e-cigarette controller)

Test Component No.32: Silvery metal (battery connector)





Test Component No.19: Black mucosa with viscose (battery EVA pad)

Test Component No.20: Green gasket with viscose (battery site)

Test Component No.21: Red gasket with viscose (battery site)

Test Component No.22: Yellow mucosa with viscose (battery site)

Test Component No.24: Grey plastic with silvery metal (USB)

Test Component No.30: Silvery metal (USB)

Test Component No.31: Silvery metal (screw)









**Finished Product** 

(End of report)