

# Test Report

No.: EDG2211250043C00901R

Date: Feb. 09, 2023

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**Applicant** : EcoFlow Inc.  
**Address** : Plant A202, Founder Technology Industrial Park, Shiyan Sub-district, Bao'an District Shenzhen, Guangdong 518000 China  
**Sample Name** : Portable Air conditioner  
**Style/Item No.** : EFKT210  
**Received Date** : Jan. 12, 2023  
**Test Period** : Jan. 12, 2023 ~ Feb. 09, 2023  
**Test Requested** : As requested by the client, according to the Entry 50 in Annex XVII of the REACH Regulation (EC) NO.1907/2006 and the Amendment (EU) No 1272/2013 & (EU) 2021/1199, to determine the contents of the regulated PAHs in the submitted sample.  
**Test Results** : Please refer to next page (s).

## Executive Summary:

### STANDARD

### CONCLUSION

Entry 50 in Annex XVII of the REACH Regulation (EC) NO.1907/2006 and the Amendment (EU) No 1272/2013 & (EU) 2021/1199 – PAHs Requirement

PASS

Prepared by:



Huang Fenglan, Polly  
Report Engineer

Reviewed by:



Zeng Xingji, Cindy  
Supervisor

Signed for and on behalf of  
EMTEK(Dongguan) Co., Ltd.

Approved by:



Li Wei, Lisa  
Authorized signatory  
Feb. 09, 2023

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## Test Results:

Test Method: To refer to AfPS GS 2019:01 PAK, the analysis was performed by GC-MS.

Test Item	CAS Number	Test Result(mg/kg)			MDL (mg/kg)
		1+2+3	4+5+6	7+8+9	
Benzo[a]pyrene(BaP)	50-32-8	ND	ND	ND	0.1
Benzo[e]pyrene(BeP)	192-97-2	ND	ND	ND	0.1
Benzo[a]anthracene(BaA)	56-55-3	ND	ND	ND	0.1
Chrysen(CHR)	218-01-9	ND	ND	ND	0.1
Benzo[b]fluoranthene(BbFA)	205-99-2	ND	ND	ND	0.1
Benzo[j]fluoranthene(BjFA)	205-82-3	ND	ND	ND	0.1
Benzo[k]fluoranthene(BkFA)	207-08-9	ND	ND	ND	0.1
Dibenzo[a,h]anthracene(DBAhA)	53-70-3	ND	ND	ND	0.1

Test Item	CAS Number	Test Result(mg/kg)		MDL (mg/kg)
		10	11+12+13	
Benzo[a]pyrene(BaP)	50-32-8	ND	ND	0.1
Benzo[e]pyrene(BeP)	192-97-2	ND	ND	0.1
Benzo[a]anthracene(BaA)	56-55-3	ND	ND	0.1
Chrysen(CHR)	218-01-9	ND	ND	0.1
Benzo[b]fluoranthene(BbFA)	205-99-2	ND	ND	0.1
Benzo[j]fluoranthene(BjFA)	205-82-3	ND	ND	0.1
Benzo[k]fluoranthene(BkFA)	207-08-9	ND	ND	0.1
Dibenzo[a,h]anthracene(DBAhA)	53-70-3	ND	ND	0.1

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## Test Results:

Test Item	CAS Number	Test Result(mg/kg)		MDL (mg/kg)
		14	15+16	
Benzo[a]pyrene(BaP)	50-32-8	ND	ND	0.1
Benzo[e]pyrene(BeP)	192-97-2	ND	ND	0.1
Benzo[a]anthracene(BaA)	56-55-3	ND	ND	0.1
Chrysen(CHR)	218-01-9	ND	ND	0.1
Benzo[b]fluoranthene(BbFA)	205-99-2	ND	ND	0.1
Benzo[j]fluoranthene(BjFA)	205-82-3	ND	ND	0.1
Benzo[k]fluoranthene(BkFA)	207-08-9	ND	ND	0.1
Dibenzo[a,h]anthracene(DBAhA)	53-70-3	ND	ND	0.1

Note: mg/kg = part per million = ppm      ND = Not Detected (less than MDL)      MDL = Method Detection Limit

Remark: The requirements are quoted from the entries 50 in Annex XVII of the REACH Regulation (EC) NO.1907/2006 and the Amendment (EU) No 1272/2013 & (EU) 2021/1199 about PAHs contents as below:

Materials	Timeline	Requirement (mg/kg)
Extender oils, tyres and treads contain extender oils	Commencing on January 1, 2010	1 mg/kg of BaP, 10 mg/kg of the sum of the listed PAHs
Rubber or plastic components from articles for supply to the general public, come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity	Commencing on December 27, 2015	1 mg/kg of any of the listed PAHs
Rubber or plastic components from toys, including activity toys and childcare articles, come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity	Commencing on December 27, 2015	0.5 mg/kg of any of the listed PAHs

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## Tested Materials:

Item No.	Description
1	Black hard plastic except coating (shell)
2	Black hard plastic with silver plating (button / exhaust blading)
3	Bright black hard plastic with white printing (button)
4	Transparent hard plastic (screen)
5	Black hard plastic (exhaust outlet)
6	Black hard plastic (socket)
7	Black hard plastic (exhaust vent of base)
8	Black hard plastic (hook of velcro)
9	Black plastic wire (exhaust outlet)
10	Black soft plastic (dust cap)
11	Black soft plastic (foot pad)
12	Black soft plastic (loop of velcro)
13	Black soft plastic (power wire)
14	Black soft plastic (plug of power wire)
15	White sticker with black printing (sticker)
16	Silver sticker (LOGO)

Note: As specified by the client, the samples were subjected to mixed testing.

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## Sample Photo



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

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