

Test Report

Applicant: Changzhou HEMM Electronic Technology Co., Ltd.

Address: Building 2, No. 3 Longzi Road, Wujin High-Tech Industrial Development Zone, Changzhou, Jiangsu Province, China.

Report on the submitted sample(s) said to be:

Manufacturer: Changzhou HEMM Electronic Technology Co., Ltd.

Address: Building 2, No. 3 Longzi Road, Wujin High-Tech Industrial Development Zone, Changzhou, Jiangsu Province, China.

Sample Name: Brushless motor

Trademark: HEMM

Sample Description: Please refer to the following page(s).

Sample model: HEM-23BR170-A1-01

Sample Model No.: 13BR, 23BR, 32BR

Received Date: Jan. 13, 2025

Testing Period: Jan. 13, 2025–Jan. 18, 2025

Test Requested:

- 1.As specified by client, to determine the total Lead (Pb) Content in the submitted sample with reference to California Proposition 65.
- 2.As specified by client, to determine the Phthalates Content in the submitted sample with reference to California Proposition 65.

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

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

Checked by

Vivian Liang

Vivian

Signed for and on behalf of BORY



Test Report

Sample Description:

No.	Component Material
01	PVC jacket
02	White plastic terminal
03	Black metal case
04	Metal screw
05	Silvery metal
06	Metal shaft
07	sticker

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1. Test result for Lead and Cadmium content

Test Method: With reference to CPSC-CH-E1001-08.3 & CPSC-CH-E1002-08.3, 15 U.S.C. § 1278a and CPSC-CH-E1003-09.1 by acid digestion and analysis was performed by inductively coupled plasma atomic emission spectrometer (ICP-OES).

Test Results:

Item	Unit	MDL	Results			Limit
			1	2	3	
Lead Content(Pb)	mg/kg	2	N.D.	N.D.	N.D.	100
Cadmium (Cd)	mg/kg	2	N.D.	N.D.	N.D.	300

Item	Unit	MDL	Results			Limit
			4	5	6	
Lead Content(Pb)	mg/kg	2	N.D.	N.D.	N.D.	100
Cadmium (Cd)	mg/kg	2	N.D.	N.D.	N.D.	300

Item	Unit	MDL	Results			Limit
			7	/	/	
Lead Content(Pb)	mg/kg	2	N.D.	/	/	100
Cadmium (Cd)	mg/kg	2	N.D.	/	/	300

Note:

- 1) mg/kg = milligram per kilogram (ppm).
- 2) MDL=Method detected limited
- 3) N.D. = Not Detected (< RL).
- 4) RL (Report Limit) = 2 mg/kg.

Test Report

2. Test result for Phthalates Content

Test Method: With reference to CPSC-CH-C1001-09.4, by solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

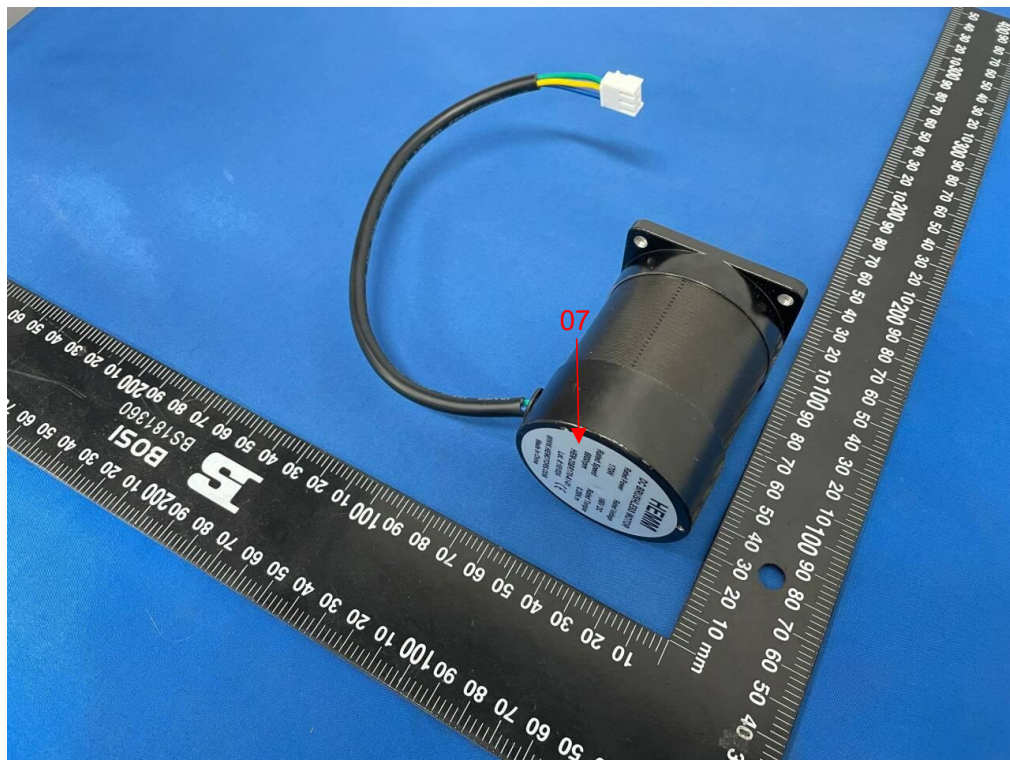
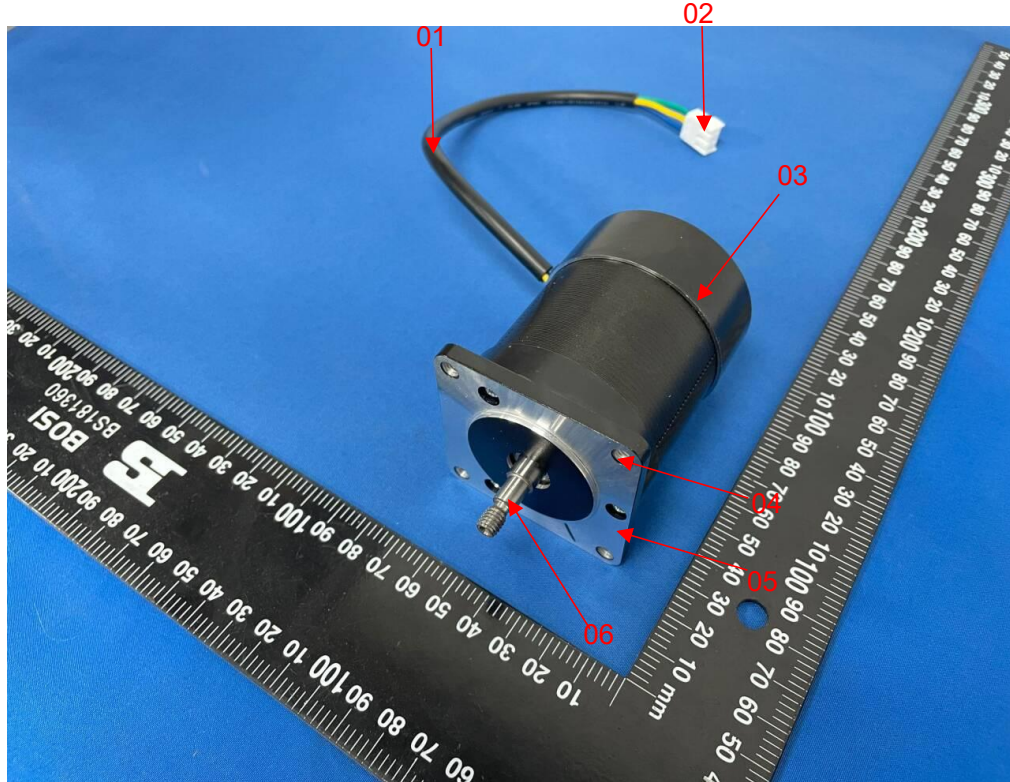
Phthalate	Unit	MDL	CAS No.	Results			Limit
				1	2	7	
Dibutyl phthalate (DBP)	mg/kg	50	84-74-2	N.D.	N.D.	N.D.	1000
Butyl benzyl phthalate (BBP)	mg/kg	50	85-68-7	N.D.	N.D.	N.D.	1000
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	50	117-81-7	N.D.	N.D.	N.D.	1000
Di-n-octyl phthalate (DNOP)	mg/kg	50	117-84-0	N.D.	N.D.	N.D.	1000
Di-iso-decyl phthalate (DIDP)	mg/kg	50	26761-40-0	N.D.	N.D.	N.D.	1000
Di-iso-nonyl phthalate (DINP)	mg/kg	50	28553-12-0	N.D.	N.D.	N.D.	1000

Note:

- 1) mg/kg = milligram per kilogram (ppm).
- 2) MDL=Method detected limited
- 3) N.D. = Not Detected (< RL).
- 4) RL (Report Limit) = 2 mg/kg.

Test Report

The photo of the sample



Test Report

*** End ***

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