



# Test Report

Report No. A2210230576102

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**Company Name** JIANGSU MEIKAI ELECTRIC CO.,LTD.**shown on Report****Address** YOUFANG TOWN, YANGZHONG CITY, JIANGSU PROVINCE, CHINA

**The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant**

Sample No.	Sample Name(s)	Material
001	17AM series, 18AM series thermal protector, BW series, exhaust temperature control	Insulating layer/Insulating layer/Insulator
002	17AM series, 18AM series thermal protector, BW series, exhaust temperature control	PTC/Epoxy/Sleeve

Sample Received Date Jun. 19, 2021

Testing Period Jun. 19, 2021 to Jun. 23, 2021

**Test Requested** As specified by client, to test Polycyclic Aromatic Hydrocarbons (PAHs) in the submitted sample(s).

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

Tested by

Reviewed by

Approved by

Date

Jun. 24, 2021

Chen kaimin  
Lab Manager

No. R475314564

Centre Testing International Pinbiao(Shanghai) Co., Ltd.

No.1351, Wanfang Road, Minhang District, Shanghai, China



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## Test Method

Tested Item(s)	Test Method	Measured Equipment(s)
Polycyclic Aromatic Hydrocarbons (PAHs)	AfPS GS 2019:01 PAK	GC-MS

## Test Result(s)

Tested Item(s)	Result		MDL
	001	002	
<b>Polycyclic Aromatic Hydrocarbons (PAHs)</b>			
Naphthalene	N.D.	N.D.	0.2 mg/kg
Phenanthrene	N.D.	N.D.	0.2 mg/kg
Anthracene	N.D.	N.D.	0.2 mg/kg
Fluoranthene	N.D.	N.D.	0.2 mg/kg
Pyrene	N.D.	N.D.	0.2 mg/kg
Chrysene	N.D.	N.D.	0.2 mg/kg
Benzo(a)anthracene	N.D.	N.D.	0.2 mg/kg
Benzo(b)fluoranthene	N.D.	N.D.	0.2 mg/kg
Benzo(k)fluoranthene	N.D.	N.D.	0.2 mg/kg
Benzo(j)fluoranthene	N.D.	N.D.	0.2 mg/kg
Benzo(a)pyrene	N.D.	N.D.	0.2 mg/kg
Benzo(e)pyrene	N.D.	N.D.	0.2 mg/kg
Dibenzo(a,h)anthracene	N.D.	N.D.	0.2 mg/kg
Benzo(g,h,i)perylene	N.D.	N.D.	0.2 mg/kg
Indenol(1,2,3-cd)pyrene	N.D.	N.D.	0.2 mg/kg
Sum (Phenanthrene, Anthracene, Fluoranthene, Pyrene)	N.D.	N.D.	/
Sum 15 PAHs	N.D.	N.D.	/

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**Maximum PAHs limits (mg/kg) for the materials with relevant contact/grip and operating surfaces that are to be categorised based on the results of the risk assessment**

Parameters	Category 1	Category 2		Category 3	
	Materials intended to be placed in the mouth, or materials in toys according to Directive 2009/48/EC or materials for the use by children up to 3 years of age coming into long-term contact with skin (more than 30s) during the intended use	Materials not covered by category 1, coming into long-term contact (more than 30s) or short-term repetitive contact** with skin during the intended or foreseeable use		Materials not covered by category 1 nor by category 2, coming into short-term contact (up to 30s) with skin during the intended or foreseeable use	
		Use by children (< 14 years) (include both active and passive direct contact)	Other consumer products	Use by children (< 14 years) (include both active and passive direct contact)	Other consumer products
Benzo(a)pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(e)pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(a)anthracene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(b)fluoranthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(j)fluoranthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(k)fluoranthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Chrysene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Dibenz(a,h)anthracene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(g,h,i)perylene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Indenol(1,2,3-cd)pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Phenanthrene, Anthracene, Fluoranthene, Pyrene	< 1 Sum	< 5 Sum	< 10 Sum	< 20 Sum	< 50 Sum
Naphthalene	< 1	< 2		< 10	
Sum 15 PAHs	< 1	< 5	< 10	< 20	< 50

\*\* Definition “short-term repetitive contact” taken from REACH Annex XVII entry 50 amendment (REGULATION (EU) No.1272/2013)

## Sample/Part Description

- 001 Mixed test, white insulated paper, black plastic wire jacket with white ink
- 002 Mixed test, grey solid with silvery covering layer, black solid, colorless transparent plastic sleeving

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**Remark:** As specified by client, the test was conducted by mixing several samples together. The result(s) shown on this report may be different from the content of any homogeneous material.

-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL)

-mg/kg = ppm = parts per million

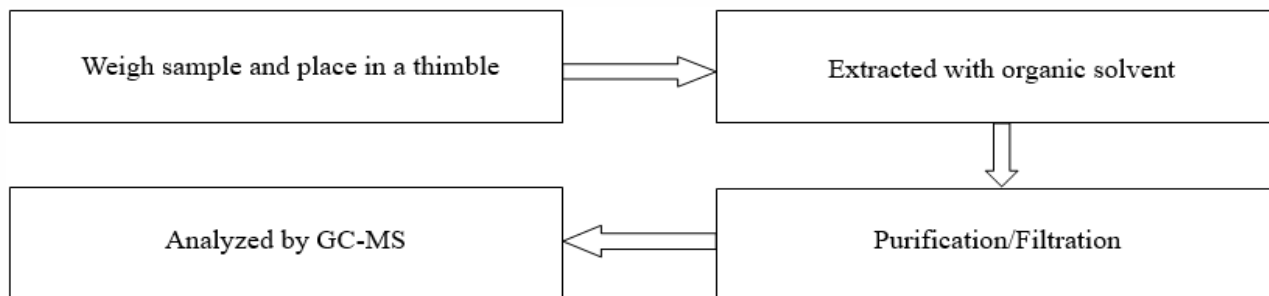
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## Test Process



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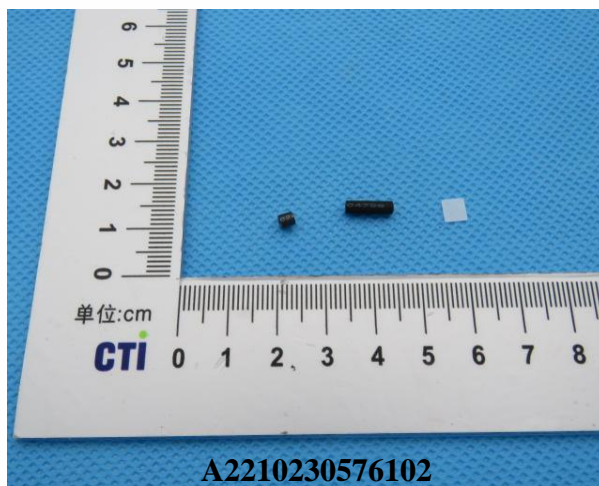
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## Photo(s) of the sample(s)

001



002



### Statement:

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Without written approval of CTI, this report can't be reproduced except in full;
5. In case of any discrepancy between the English version and Chinese version of the testing reports (if generated), the Chinese version shall prevail.

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