

## TEST REPORT

CheckCode:114473  
Report No.:C202010120309-2E

**Applicant:** Jiangsu Luoke Electric Group Co., Ltd.  
**Address:** No.55, Palm Road, Zhonglou Development Zone, Changzhou City, Jiangsu Province

**The following sample information was submitted and identified by/on the behalf of the client**

Name: Rotor

Date of Receipt: Oct. 16, 2020 Test Period: Oct. 16, 2020 – Oct. 22, 2020

**Test Request:** Please refer to following page(s).**Test Result:** Please refer to following page(s).**Conclusion:** Please refer to following page(s).Edited by Chen Zhimin Reviewed by Huang Yingkun Approved by Zheng Xiaojing

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Seal of:

GUANGZHOU GRG METROLOGY &amp; TEST CO., LTD.

Issue date:Oct.22,2020

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**GUANGZHOU GRG METROLOGY & TEST CO., LTD.**Address: 163 Pingyun Road West of Huangpu Avenue Tianhe District Guangzhou City, 510656, P. R. China  
Tel: 4006020999 Fax: +86-020-38698685 Website: <http://www.grgtest.com>

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No.	Test Item	Client and Regulation Requirements	Conclusion
1	RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU	Pb, Cd, Hg, Cr(VI)	Comply

## Sample description:

Sample No.	Description
1	Black surfaced metal silicon steel sheet
2	Silvery metal part ( On No.1 )
3	Silvery-grey metal part ( On No.2 )
4	Black surfaced metal sheet ( On No.2 )
5	Black surfaced metal cover ( On No.4 )

## Test Methods:

Test Item(s)	Test method	Measuring instrument	Client's Limit
Lead (Pb)	IEC 62321-5:2013	ICP-OES/AAS	600 mg/kg
Cadmium (Cd)	IEC 62321-5:2013	ICP-OES	60 mg/kg
Mercury (Hg)	IEC 62321-4:2013 +AMD1:2017	ICP-OES	600 mg/kg
Hexavalent Chromium [Cr(VI)]	IEC 62321-7-1:2015	UV-Vis	/

## Test result(s):

Test Item	Sample					Unit	MDL
	1	2	3	4	5		
Lead (Pb)	N.D.	26	N.D.	N.D.	N.D.	mg/kg	2
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.	mg/kg	2
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.	mg/kg	2
Hexavalent Chromium [Cr(VI)]	N.D.	N.D.	N.D.	N.D.	N.D.	µg/cm <sup>2</sup>	0.10

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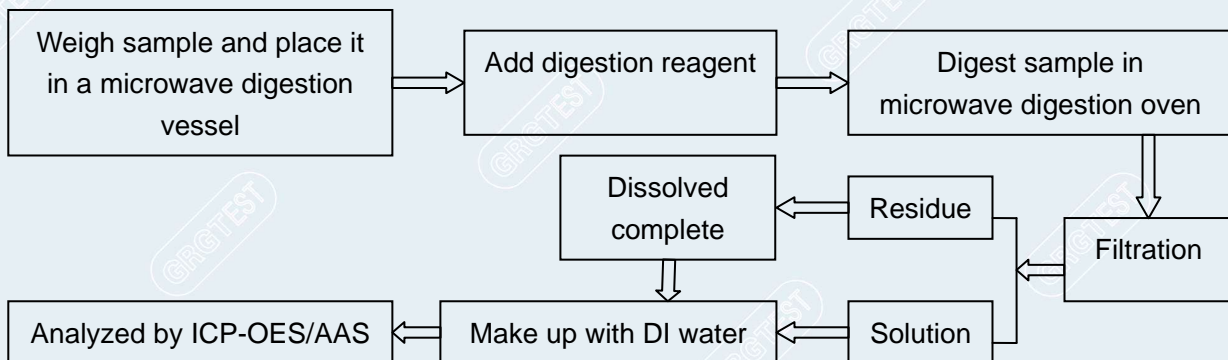
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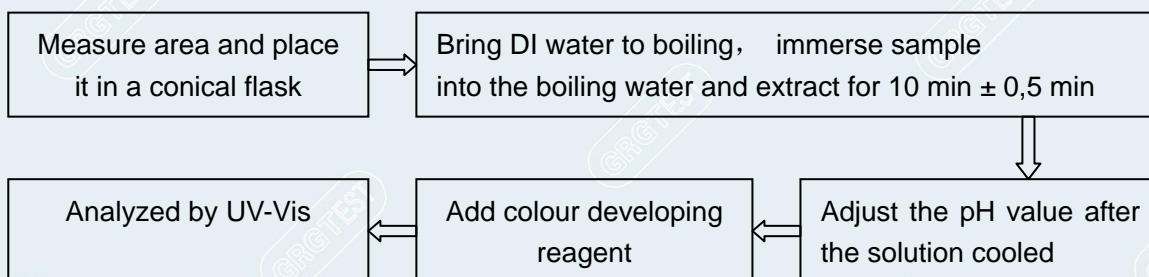
- Remark:
- 1) mg/kg = ppm
  - 2) MDL = Method Detection Limit
  - 3) "N.D." = Not Detected (Below Method Detection Limit)
  - 4) For metal sample
    - a. The sample is negative for Cr(VI) if Cr(VI) is N.D.(concentration less than  $0.10 \mu\text{g}/\text{cm}^2$ ).The sample coating is considered a non- Cr(VI) based coating.
    - b. The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than  $0.13 \mu\text{g}/\text{cm}^2$ .The sample coating is considered to contain Cr(VI).
    - c. The result between  $0.10 \mu\text{g}/\text{cm}^2$  and  $0.13 \mu\text{g}/\text{cm}^2$  is considered to be inconclusive.

Unavoidable coating variations may influence the determination.

## Test Process for Pb / Cd / Hg



## Test Process for Cr (VI) (metal / plating)



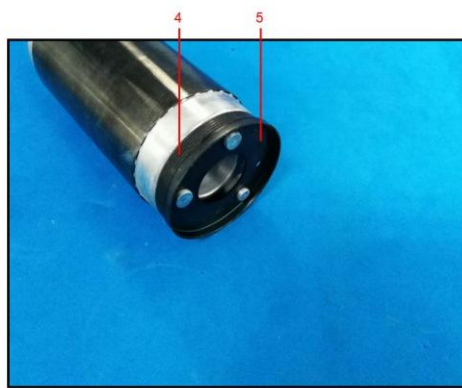
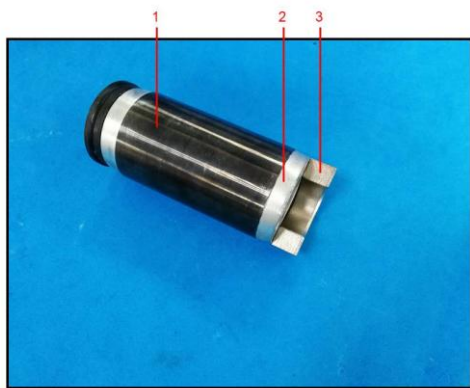
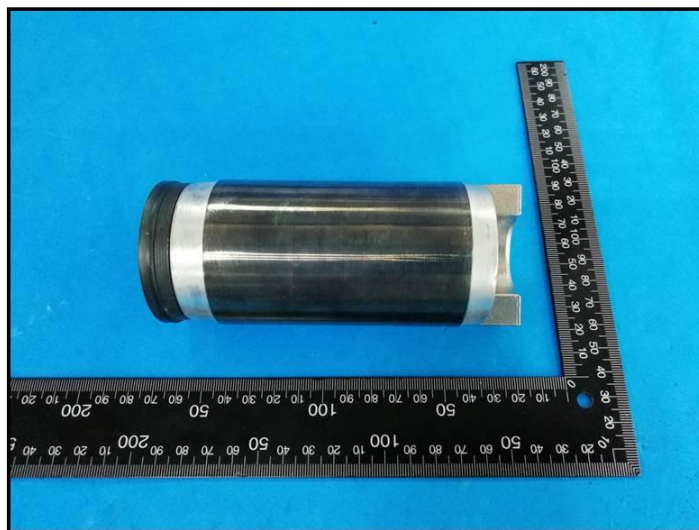
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Photo of Sample



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