

TEST REPORT

CheckCode:119278
Report No.:C202010120309-4E

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 & TEST CO., LTD.

Issue date: Oct. 22, 2020

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Summary:

No.	According to client's limit	Conclusion
1	The concentrations of 71 SVHC are ≤Client's limit 0.06%.	Comply

Material list:

No.	Sample 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)

Testing groups	Testing requirement	Composition
A1	71 Substances of Very High Concern(SVHC) testing	1+2+3+4+5

Test Result(s):

Test Method: In-house method,ICP-OES-screening , AAS-screening after decomposition for determination of relevant SVHC.

Substance name	CAS No.	Reporting Limit (%)	Result (%)
			A1
All tested SVHC	---	---	N.D.

- Remark:
- 1) The table above only shows detected substances, and substances that below Reporting Limit are not reported. Please refer to Appendix 1 for the full list of tested SVHC.
 - 2) * The substances are tested in term of its respective elements (e.g. As, Pb, Cr(VI)).
 - 3) "N.D." = Not Detected (Below Reporting Limit).
 - 4) Results shown are of the minimum weight of mixed samples.

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Appendix 1 - Full list of tested SVHC:

No.	Substance name	CAS No.	Reporting Limit (%)
1	Triethyl arsenate *	15606-95-8	0.005
2	Sodium dichromate *	10588-01-9, 7789-12-0	0.005
3	Lead hydrogen arsenate *	7784-40-9	0.005
4	Diarsenic trioxide *	1327-53-3	0.005
5	Diarsenic pentaoxide *	1303-28-2	0.005
6	Cobalt dichloride *	7646-79-9	0.005
7	Lead sulfochromate yellow (C.I. Pigment Yellow 34) *	1344-37-2	0.010
8	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) *	12656-85-8	0.010
9	Lead chromate *	7758-97-6	0.010
10	Tetraboron disodium heptaoxide, hydrate *	12267-73-1	0.010
11	Sodium chromate *	7775-11-3	0.010
12	Potassium dichromate *	7778-50-9	0.010
13	Potassium chromate *	7789-00-6	0.010
14	Disodium tetraborate, anhydrous *	12179-04-3, 1303-96-4, 1330-43-4	0.010
15	Boric acid *	10043-35-3, 11113-50-1	0.010
16	Ammonium dichromate *	7789-09-5	0.010
17	Cobalt(II) sulphate *	10124-43-3	0.010
18	Cobalt(II) dinitrate *	10141-05-6	0.010
19	Cobalt(II) diacetate *	71-48-7	0.010
20	Cobalt(II) carbonate *	513-79-1	0.010

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No.	Substance name	CAS No.	Reporting Limit (%)
21	Chromium trioxide *	1333-82-0	0.010
22	Dichromic acid, Oligomers of chromic acid and dichromic acid, Chromic acid *	13530-68-2 , --- 7738-94-5	0.010
23	Strontium chromate *	7789-06-2	0.010
24	Zirconia Aluminosilicate Refractory Ceramic Fibres *	---	0.010
25	Trilead diarsenate *	3687-31-8	0.010
26	Potassium hydroxyoctaoxodizincatedichromate *	11103-86-9	0.010
27	Pentazinc chromate octahydroxide *	49663-84-5	0.010
28	Lead styphnate *	15245-44-0	0.010
29	Lead dipicrate *	6477-64-1	0.010
30	Lead diazide, Lead azide *	13424-46-9	0.010
31	Dichromium tris(chromate) *	24613-89-6	0.010
32	Calcium arsenate *	7778-44-1	0.010
33	Arsenic acid *	7778-39-4	0.010
34	Aluminosilicate Refractory Ceramic Fibres *	---	0.010
35	Lead(II) bis(methanesulfonate) *	17570-76-2	0.010
36	Diboron trioxide *	1303-86-2	0.010
37	Trilead dioxide phosphonate *	12141-20-7	0.010
38	Trilead bis(carbonate) dihydroxide *	1319-46-6	0.010
39	Tetralead trioxide sulphate *	12202-17-4	0.010
40	Tetraethyllead *	78-00-2	0.010
41	Sulfurous acid, lead salt, dibasic *	62229-08-7	0.010
42	Silicic acid, lead salt *	11120-22-2	0.010

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No.	Substance name	CAS No.	Reporting Limit (%)
43	Silicic acid, barium salt, lead-doped *	68784-75-8	0.010
44	Pyrochlore, antimony lead yellow *	8012-00-8	0.010
45	Pentalead tetraoxide sulphate *	12065-90-6	0.010
46	Orange lead (lead tetroxide) *	1314-41-6	0.010
47	Lead titanium zirconium oxide *	12626-81-2	0.010
48	Lead titanium trioxide *	12060-00-3	0.010
49	Lead oxide sulfate *	12036-76-9	0.010
50	Lead monoxide (lead oxide) *	1317-36-8	0.010
51	Lead dinitrate *	10099-74-8	0.010
52	Lead cyanamidate *	20837-86-9	0.010
53	Lead bis(tetrafluoroborate) *	13814-96-5	0.010
54	Fatty acids, C16-18, lead salts *	91031-62-8	0.010
55	Dioxobis(stearato)trilead *	12578-12-0	0.010
56	Acetic acid, lead salt, basic *	51404-69-4	0.010
57	[Phthalato(2-)]dioxotrilead *	69011-06-9	0.010
58	Cadmium oxide *	1306-19-0	0.010
59	Cadmium	7440-43-9	0.010
60	Lead di(acetate) *	301-04-2	0.010
61	Cadmium sulphide *	1306-23-6	0.010
62	Sodium peroxometaborate *	7632-04-4	0.010
63	Sodium perborate, perboric acid, sodium salt *	---	0.010
64	Cadmium chloride *	10108-64-2	0.010
65	Cadmium sulphate *	10124-36-4, 31119-53-6	0.010

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No.	Substance name	CAS No.	Reporting Limit (%)
66	Cadmium fluoride *	7790-79-6	0.010
67	Cadmium nitrate *	10022-68-1, 10325-94-7	0.010
68	Cadmium carbonate *	513-78-0	0.010
69	Cadmium hydroxide *	21041-95-2	0.010
70	Disodium octaborate *	12008-41-2	0.010
71	Lead	7439-92-1	0.005

Appendix 2 - REACH obligation:

1. Concerning article(s):

Communication:

Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance in the Candidate List.

Notification:

In accordance with Regulation (EC) No 1907/2006, any EU producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation, if (a) the substance in the Candidate List is present in those articles in quantities totaling over one tonne per producer or importer per year; and (b) the substance in the Candidate List is present in those articles above a concentration of 0.1% weight by weight (w/w).

2. Concerning material(s):

Test results in this report are based on the tested sample. This report refers to testing result of tested sample submitted as homogenous material(s). In case such material is being used to compose an article, the results indicated in this report may not represent SVHC concentration in such article. If this report refers to testing result of composite material group by equal weight proportion, the material in each composite test group may come from more than one article.

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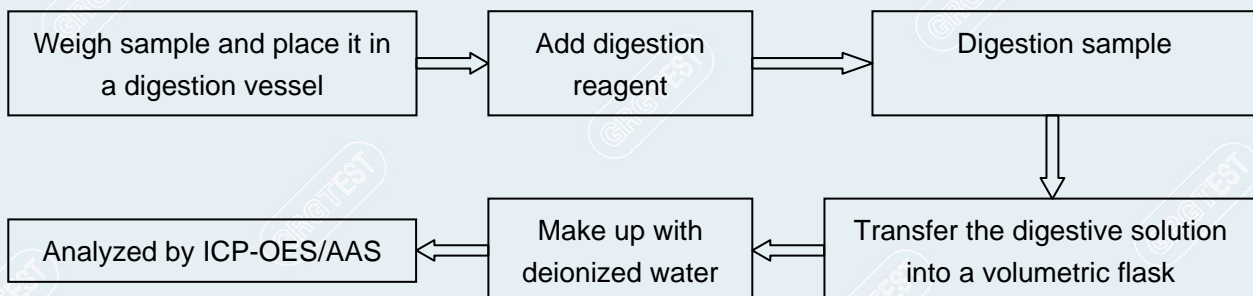
If the sample is a substance or mixture, and it directly exports to EU, client has the obligation to comply with the supply chain communication obligation under Article 31 of Regulation (EC) No. 1907/2006 and the conditions of Authorization of substance of very high concern included in the Annex XIV of the Regulation (EC) No. 1907/2006.

3. Concerning substance and preparation:

If a SVHC is found over 0.1% (w/w) and/or the specific concentration limit which is set in Regulation (EC) No 1272/2008 and its amendments, client is suggested to prepare a Safety Data Sheet (SDS) against the SVHC to comply with the supply chain communication obligation under Regulation (EC) No 1907/2006, in which:

- a substance that is classified as hazardous under the CLP Regulation (EC) No 1272/2008.
- a mixture that is classified as hazardous under the CLP Regulation (EC) No 1272/2008, when it contains a substance with concentration equal to, or greater than the classification limit as set in Regulation (EC) No. 1272/2008; or
- a mixture is not classified as hazardous under the CLP Regulation (EC) No 1272/2008, but contains either:
 - (a) a substance posing human health or environmental hazards in an individual concentration of $\geq 1\%$ by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures) or $\geq 0.2\%$ by volume for gaseous mixtures; or
 - (b) a substance that is PBT, or vPvB in an individual concentration of $\geq 0.1\%$ by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures); or
 - (c) a substance on the SVHC candidate list (for reasons other than those listed above), in an individual concentration of $\geq 0.1\%$ by weight for non-gaseous mixtures; or
 - (d) a substance for which there are Europe-wide workplace exposure limits

Test Process:



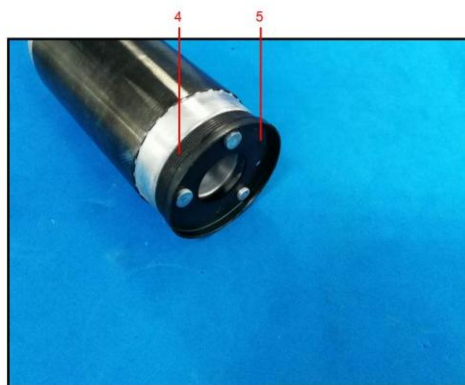
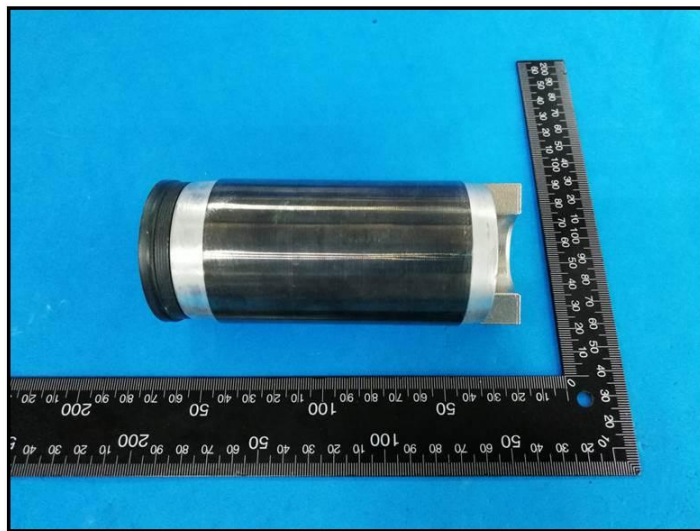
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Photo of Sample



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