Test Report

Applicant:	**LML Metal Products Ltd.**
Address:	**5th buliding, Sanjiaodi Industrial, Yantian, Fenggang, Dongguan, Guangdong, 523700,China**
Manufacturer:	**LML Metal Products Ltd.**
Address:	**5th buliding, Sanjiaodi Industrial, Yantian, Fenggang, Dongguan, Guangdong, 523700,China**

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

Sample Name	: Steel rivet with nickel plated
Sample Model	: 25.849.-704, 2.5*0.25*15
Test site	: Metallic part
Sample Received Date	: May.24,2019
Testing Period	: May.24,2019 ~ May.28,2019

Test Requested Please refer to the following page(s).

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

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

Summary According to the analytical results, concentrations of 71 SVHC substances are less than 0.1% in the submitted sample.

Tested by : James Huang Inspected by : Robert Chen

Approved by : _____ Date : May.28,2019

Test Report

Requested:

As specified by client, to screen the 71 substances of very high concern(SVHC) under Regulation(EC) No 1907/2006 of REACH, including:

Cobalt dichloride, Diarsenic pentaoxide, diarsenic trioxide, Sodium dichromate, Bis(tributyltin) oxide, Lead hydrogen arsenate, Lead sulfochromate yellow (C.I. Pigment Yellow 34), Lead chromate molybdate sulfate red (C.I. Pigment Red 104), Lead chromate, Boric acid, Disodium tetraborate, anhydrous, Tetraboron disodium heptaoxide, hydrate, Sodium chromate, Potassium chromate, Ammonium dichromate, Potassium dichromate, Cobalt(II) sulphate, Cobalt(II) dinitrate, Cobalt(II) carbonate, Cobalt(II) diacetate, Chromium trioxide, Acids generated from chromium trioxide and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid, Strontium chromate, Calcium arsenate, Potassium hydroxyoctaoxodizincatedichromate, Arsenic acid , Lead dipicrate, Trilead diarsenate, Pentazinc chromate octahydroxide, Lead diazide, Lead azide, Lead styphnate, Dichromium tris(chromate), Diboron trioxide, Lead(II) bis(methanesulfonate), Dibutyltin dichloride (DBT), Acetic acid, lead salt, basic, Basic lead carbonate (trilead bis(carbonate)dihydroxide), Lead oxide sulfate (basic lead sulfate), [Phthalato(2-)]dioxotrilead (dibasic lead phthalate), Dioxobis(stearato)trilead, Fatty acids, C16-18, lead salts, Lead bis(tetrafluoroborate), Lead cynamidate, Lead dinitrate, Lead oxide (lead monoxide), Lead tetroxide (orange lead), Lead titanium trioxide, Lead Titanium Zirconium Oxide, Pentalead tetraoxide sulphate, Pyrochlore, antimony lead yellow, Silicic acid (H2Si2O5), barium salt (1:1), lead-doped, Silicic acid, lead salt, Sulfurous acid, lead salt, dibasic, Tetraethyllead, Tetralead trioxide sulphate, Trilead dioxide phosphonate, Cadmium, Cadmium oxide, Ammonium pentadecafluorooctanoate, Cadmium sulphide, Lead di(acetate), Cadmium chloride, Sodium peroxometaborate, Cadmium fluoride, 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE), Cadmium sulphate, Cadmium nitrate,Cadmium carbonate,Cadmium hydroxide,Lead,Disodium octaborate Tetrahydrate

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Test Result(s):

No.	Substance Name(s)	CAS No.	EC No.	SVHC	Concentration(%)
1	Cobalt dichloride	231-589-4	7646-79-9	Toxic for reproduction	N.D.
2	Diarsenic pentaoxide	215-116-9	1303-28-2	Carcinogenic	N.D.
3	diarsenic trioxide	215-481-4	1327-53-3	Carcinogenic	N.D.
4	Sodium dichromate	234-190-3	7789-12-0 10588-01-9	CMR	N.D.
5	Bis(tributyltin) oxide	200-268-0	56-35-9	PBT	N.D.
6	Lead hydrogen arsenate	232-064-2	7784-40-9	Carcinogenic ; Toxic for reproduction	N.D.
7	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2	CMR	N.D.
8	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	235-759-9	12656-85-8	CMR	N.D.
9	Lead chromate	231-846-0	7758-97-6	CMR	N.D.
10	Boric acid	233-139-2 234-343-4	10043-35-3 11113-50-1	Toxic for reproduction	N.D.
11	Disodium tetraborate, anhydrous	215-540-4	1330-43-4 12179-04-3 1303-96-4	Toxic for reproduction	N.D.
12	Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	Toxic for reproduction	N.D.
13	Sodium chromate	231-889-5	7775-11-3	CMR	N.D.
14	Potassium chromate	232-140-5	7789-00-6	Carcinogenic and mutagen	N.D.
15	Ammonium dichromate	232-143-1	7789-09-5	CMR	N.D.
16	Potassium dichromate	231-906-6	7778-50-9	CMR	N.D.
17	Cobalt(II) sulphate	233-334-2	10124-43-3	Carcinogenic and toxic for reproduction	N.D.

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No.	Substance Name(s)	CAS No.	EC No.	SVHC	Concentration(%)
18	Cobalt(II) dinitrate	233-402-1	10141-05-6	Carcinogenic and toxic for reproduction	N.D.
19	Cobalt(II) carbonate	208-169-4	513-79-1	Carcinogenic and toxic for reproduction	N.D.
20	Cobalt(II) diacetate	200-755-8	71-48-7	Carcinogenic and toxic for reproduction	N.D.
21	Chromium trioxide	215-607-8	1333-82-0	Carcinogenic and mutagenic	N.D.
22	Acids generated from chromium trioxide and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid	231-801-5 236-881-5	7738-94-5 13530-68-2	Carcinogenic	N.D.
23	Strontium chromate	232-142-6	7789-06-2	Carcinogenic	N.D.
24	Calcium arsenate	231-904-5	7778-44-1	Carcinogenic	N.D.
25	Potassium hydroxyoctaoxodizincatedichromate	234-329-8	11103-86-9	Carcinogenic	N.D.
26	Arsenic acid	231-901-9	7778-39-4	Carcinogenic	N.D.
27	Lead dipicrate	229-335-2	6477-64-1	Toxic for reproduction	N.D.
28	Trilead diarsenate	222-979-5	3687-31-8	Carcinogenic and toxic for reproduction	N.D.
29	Pentazinc chromate octahydroxide	256-418-0	49663-84-5	Carcinogenic	N.D.
30	Lead diazide, Lead azide	236-542-1	13424-46-9	Toxic for reproduction	N.D.

No.	Substance Name(s)	CAS No.	EC No.	SVHC	Concentration(%)
31	Lead styphnate	239-290-0	15245-44-0	Toxic for reproduction	N.D.
32	Dichromium tris(chromate)	246-356-2	24613-89-6	Carcinogenic	N.D.
33	Diboron trioxide	215-125-8	1303-86-2	Toxic for reproduction	N.D.
34	Lead(II) bis(methanesulfonate)	401-750-5	17570-76-2	Toxic for reproduction	N.D.
35	Dibutyltin dichloride (DBT)	211-670-0	683-18-1	Toxic for reproduction	N.D.
36	Acetic acid, lead salt, basic	257-175-3	51404-69-4	Toxic for reproduction	N.D.
37	Basic lead carbonate (trilead bis(carbonate)dihydroxide)	215-290-6	1319-46-6	Toxic for reproduction	N.D.
38	Lead oxide sulfate (basic lead sulfate)	234-853-7	12036-76-9	Toxic for reproduction	N.D.
39	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)	273-688-5	69011-06-9	Toxic for reproduction	N.D.
40	Dioxobis(stearato)trilead	235-702-8	12578-12-0	Toxic for reproduction	N.D.
41	Fatty acids, C16-18, lead salts	292-966-7	91031-62-8	Toxic for reproduction	N.D.
42	Lead bis(tetrafluoroborate)	237-486-0	13814-96-5	Toxic for reproduction	N.D.
43	Lead cynamidate	244-073-9	20837-86-9	Toxic for reproduction	N.D.
44	Lead dinitrate	233-245-9	10099-74-8	Toxic for reproduction	N.D.
45	Lead oxide (lead monoxide)	215-267-0	1317-36-8	Toxic for reproduction	N.D.
46	Lead tetroxide (orange lead)	215-235-6	1314-41-6	Toxic for reproduction	N.D.
47	Lead titanium trioxide	235-038-9	12060-00-3	Toxic for reproduction	N.D.

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No.	Substance Name(s)	CAS No.	EC No.	SVHC	Concentration(%)
48	Lead Titanium Zirconium Oxide	235-727-4	12626-81-2	Toxic for reproduction	N.D.
49	Pentalead tetraoxide sulphate	235-067-7	12065-90-6	Toxic for reproduction	N.D.
50	Pyrochlore, antimony lead yellow	232-382-1	8012-00-8	Toxic for reproduction	N.D.
51	Silicic acid (H2Si2O5), barium salt (1:1), lead-doped, [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	272-271-5	68784-75-8	Toxic for reproduction	N.D.
52	Silicic acid, lead salt	234-363-3	11120-22-2	Toxic for reproduction	N.D.
53	Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7	Toxic for reproduction	N.D.
54	Tetraethyllead	201-075-4	78-00-2	Toxic for reproduction	N.D.
55	Tetralead trioxide sulphate	235-380-9	12202-17-4	Toxic for reproduction	N.D.
56	Trilead dioxide phosphonate	235-252-2	12141-20-7	Toxic for reproduction	N.D.

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No.	Substance Name(s)	CAS No.	EC No.	SVHC	Concentration(%)
57	Cadmium	231-152-8	7440-43-9	Carcinogenic; Equivalent level of concern having probable serious effects to human health	N.D.
58	Cadmium oxide	215-146-2	1306-19-0	Carcinogenic; Equivalent level of concern having probable serious effects to human health (effects on kidney and bone)	N.D.
59	Ammonium pentadecafluorooctanoate	223-320-4	3825-26-1	Toxic for reproduction ; PBT	N.D.
60	Cadmium sulphide	215-147-8	1306-23-6	Carcinogenic; Equivalent level of concern having probable serious effects to human health	N.D.

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No.	Substance Name(s)	CAS No.	EC No.	SVHC	Concentration(%)
61	Lead di(acetate)	206-104-4	301-04-2	Toxic for reproduction	N.D.
62	Cadmium chloride	233-296-7	10108-64-2	CMR	N.D.
63	Sodium peroxometaborate	231-556-4	7632-04-4	Toxic for reproduction	N.D.
64	Cadmium fluoride	232-222-0	7790-79-6	CMR; Equivalent level of concern having probable serious effects to human health	N.D.
65	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1	Toxic for reproduction	N.D.
66	Cadmium sulphate	233-331-6	10124-36-4 31119-53-6	Equivalent level of concern having probable serious effects to human health	N.D.

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No.	Substance Name(s)	CAS No.	EC No.	SVHC	Concentration(%)
67	Cadmium nitrate	10325-94-7	233-710-6	Carcinogenic (Article 57a) Mutagenic (Article 57 b) After repeated contact specific organs poisoning	N.D.
68	Cadmium carbonate	513-78-0	208-168-9	Carcinogenic (Article 57a) Mutagenic (Article 57 b) After repeated contact specific organs poisoning	N.D.
69	Cadmium hydroxide	21041-95-2	244-168-5	Carcinogenic (Article 57a) Mutagenic (Article 57 b) After repeated contact specific organs poisoning	N.D.

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No.	Substance Name(s)	CAS No.	EC No.	SVHC	Concentration(%)
70	Lead	7439-92-1	231-100-4	Toxic for reproduction (Article 57 c)	N.D.
71	Disodium octaborate Tetrahydrate	12008-41-2	234-541-0	Toxic for reproduction (Article 57 c)	N.D.

Note:

N.D. = Not Detected (<report limit=0.1%)

0.1%= 1000 mg/kg =1000 ppm

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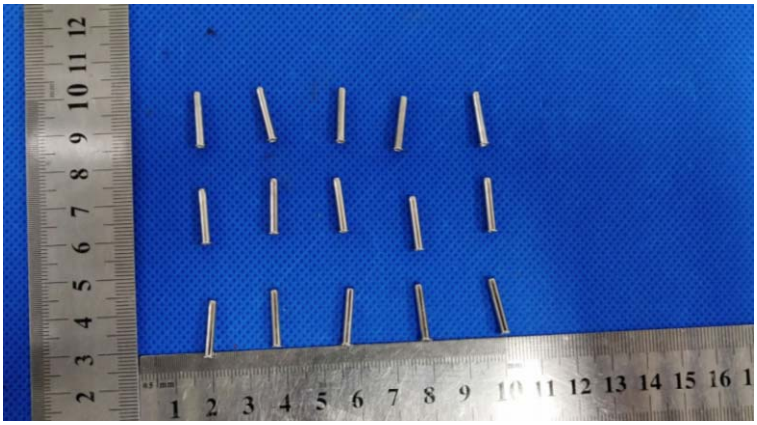
Photo(s) of the sample(s)



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

Remark： This report is considered invalidated without the Special Seal for Inspection of the HTT, This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of HTT, this test report shall not be copied except in full and published as advertisement.

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