



RoHS Consolidated Test Report

Applicant	:	Shenzhen Southern Machinery Sales and Service Co.,Ltd
Applicant Address	:	Room 1806, Block 3, Jinyun COFCO, Qianjin 2nd Road ,Baoan District, Shenzhen City, China
Manufacturer	:	Shenzhen Southern Machinery Sales and Service Co.,Ltd
Manufacturer Address	:	Room 1806, Block 3, Jinyun COFCO, Qianjin 2nd Road ,Baoan District, Shenzhen City, China
Product	:	laser marking machine
Model No.	:	S-400, S-402, S-404, S-406, S-402A, S-404A, S-406A, S-402B, S-404B, S-406B
Trademark	:	
Date of Issue	:	Apr.26,2019

Test Standards: RoHS directive 2011/65/EU Annex II amending Annex (EU)2015/863.

Test Method:

Tested Item(s)	Test Method	Measured Equipment(s)	MDL
Lead(Pb)	IEC 62321-5:2013	ICP-OES	2mg/kg
Cadmium(Cd)	IEC 62321-5:2013	ICP-OES	2mg/kg
Mercury(Hg)	IEC 62321-4:2013+A1:2017	ICP-OES	2mg/kg
Hexavalent Chromium(Cr(VI))	IEC 62321-7-1:2015 IEC 62321-7-2:2017	UV-VIS	2mg/kg
Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015	GC-MS	5mg/kg
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015	GC-MS	5mg/kg
Di-(2-ethylhexyl) phthalate(DEHP)	IEC 62321-8:2017	GC-MS	50mg/kg
Benzylbutyl phthalate(BBP)	IEC 62321-8:2017	GC-MS	50mg/kg
Dibutyl phthalate (DBP)	IEC 62321-8:2017	GC-MS	50mg/kg
Diisobutyl phthalate(DIBP)	IEC 62321-8:2017	GC-MS	50mg/kg

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

Approved by: Kevin Yang

(Kevin Yang)





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No.	Component	Issue Body	Report No.& Issue Date	Test Data(ppm)
01	Workbench board	SGS	GZ0141448747/CHEM Date:2018/11/08	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
02	Boom XY	SGS	SZTYR001564777/RS Date:2018/10/16	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
03	Feet 20	SGS	SH4140156/CHEM Date:2018/12/03	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
04	Industrial camera	SGS	KA/2018/18048 Date:2018/09/17	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D



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No.	Component	Issue Body	Report No.& Issue Date	Test Data(ppm)
05	EGH15CA	SGS	KA/2018/C1879 Date:2018/09/16	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
06	Boom Y guide	SGS	EC184015474 Date:2018/11/19	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
07	Y-axis direction screw	SGS	KA/2018/19015 Date:2018/10/18	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
08	Y-axis direction screw-1	SGS	GZ0701056445/CHEM Date:2018/10/12	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D



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No.	Component	Issue Body	Report No.& Issue Date	Test Data(ppm)
09	Door Latch	SGS	GZ0181561045/CHEM Date:2018/09/16	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
10	Head screw	SGS	SZTYR070145658/RS Date:2018/10/28	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
11	XY sensor mounting piece	SGS	SH4004156/CHEM Date:2018/11/19	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
12	SX671 sensor	SGS	KA/2018/18074 Date:2018/09/08	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D



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No.	Component	Issue Body	Report No.& Issue Date	Test Data(ppm)
13	Y sensor	SGS	KA/2018/C1874 Date:2018/09/20	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
14	400W motor seat	SGS	EC184015447 Date:2018/08/30	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
15	Y screw bearing housing 2	SGS	KA/2018/14155 Date:2018/10/15	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
16	X screw nut sleeve	SGS	GZ0701451058/CHEM Date:2018/12/27	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D



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No.	Component	Issue Body	Report No.& Issue Date	Test Data(ppm)
17	Boom X guide	SGS	CANEC184015471 Date:2018/09/20	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
18	Middle rail plate 2	SGS	CANEC189045471 Date:2018/10/21	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
19	12MM hard shaft	SGS	EC189401541 Date:2018/09/18	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
20	Parts 6^PCB laser marking machine	SGS	CANEC180489751 Date:2018/10/21	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D



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No.	Component	Issue Body	Report No.& Issue Date	Test Data(ppm)
21	Flap reinforcement plate	SGS	SH184945644/CHEM Date:2018/11/17	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
22	Flap reinforcement board 2	SGS	GZ1815154648/CHEM Date:2018/10/17	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
23	61904 bearing	SGS	SH4901545/CHEM Date:2018/10/12	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
24	Flip washer	SGS	KA/2018/19156 Date:2018/10/20	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D



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No.	Component	Issue Body	Report No.& Issue Date	Test Data(ppm)
24	Flip bearing cap	SGS	KA/2018/10487 Date:2018/10/16	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
25	Flip housing	SGS	GZ1815645454/CHEM Date:2018/10/17	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
27	Flip axis 2	SGS	SH7045467/CHEM Date:2018/12/11	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
28	XY screw drive pulley HTS-5MMA	SGS	CANEC180157478 Date:2018/10/20	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D



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No.	Component	Issue Body	Report No.& Issue Date	Test Data(ppm)
29	20 limit circle	SGS	SH181041546/CHEM Date:2018/09/18	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
30	TR60-10	SGS	GZ0906554474/CHEM Date:2018/10/19	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
31	Reducer mounting plate	SGS	SH1894564-1/CHEM Date:2018/10/12	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
32	400W motor	SGS	CANEC1915644655 Date:2018/10/17	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D



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No.	Component	Issue Body	Report No.& Issue Date	Test Data(ppm)
33	Base frame	SGS	SH180485445/CHEM Date:2018/10/18	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
34	Upper casing combination	SGS	GZ1804156455/CHEM Date:2018/09/16	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
35	Rail anti-slant block	SGS	SH4904458/CHEM Date:2018/10/16	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
36	Before the boom bracket	SGS	KA/2018/19048 Date:2018/09/18	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D



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No.	Component	Issue Body	Report No.& Issue Date	Test Data(ppm)
37	Boom bracket	SGS	KA/2018/C1487 Date:2018/11/16	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
38	After the boom bracket	SGS	SH181056477/CHEM Date:2018/12/18	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
39	X-direction screw	SGS	GZ7184564728/CHEM Date:2018/10/18	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
40	Flap sensor	SGS	CANEC181045776 Date:2018/09/16	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D



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No.	Component	Issue Body	Report No.& Issue Date	Test Data(ppm)
41	Sensor plate holder	SGS	KA/2018/C1787 Date:2018/11/16	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
42	Bearing cap	SGS	SH184041564/CHEM Date:2018/12/17	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
43	5MM pulley wheel hoop	SGS	GZ7110154577/CHEM Date:2018/10/28	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D

Remarks:

- (1) This report is not a formal test report but only consolidating the test date listed above;
- (2) Test results are from other testing organizations. Shenzhen HTT Technology Co., Ltd. Has no liability to assume the verification of the authenticity of the above test reports results.
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Photo(s) of the sample(s)



*** End of report ***