

GWSTC Test Report

Date: 2014-01-02

Page 1 of 8

NO: GP158820

APPLICANT: (Code: CML001)

Carpenters Manufactory Limited
Huang Jin Ji Industrial Zone
Shang Jie Village, Qi Shi Town
Dongguan City, Guangdong Province
China

Attn: Candy

CONCLUSION:

ASTM F 963-11: physical and mechanical test

Apart from section 7.1, the submitted sample complied with the requirement.

ASTM F 963-11: flammability test

The submitted sample complied with the requirement.

ASTM F 963-11: heavy elements test

The submitted sample complied with the requirement.

U.S. CPSC 16 CFR Part 1303 for total lead content

The submitted sample complied with the requirement.

U.S. Consumer Product Safety Improvement Act of 2008 (Public law 110-314) for total lead content

The submitted sample complied with the requirement.

U.S. Consumer Product Safety Improvement Act of 2008 (Public law 110-314) for phthalates content

The submitted sample complied with the requirement.



California proposition 65 for DnHP content

The submitted sample complied with the requirement.

California proposition 65 for total lead content

The submitted sample complied with the requirement.

Approved Signatory:


Feng Jun Guo
Lab Manager
Ellen, Xiao Wan Li
General Manager

Guangzhou Worldwide Standards and Testing Company Limited

110, Dongguan Zhuang Road, Tianhe District, Guangzhou, China (Zip Code: 510610)

Tel: (8620) 8723 6019 Fax: (8620) 8723 7226 E-mail: gwstc@gwstc.com Homepage: www.gwstc.com

This report shall not be reproduced unless with prior written approval from Guangzhou Worldwide Standards and Testing Company Limited
For Conditions of Issuance of this test report, please refer to the overleaf or homepage.

Please refer to the original test report as this e-report is for reference only!



GWSTC Test Report

Date: 2014-01-02

Page 2 of 8

NO: GP158820

DESCRIPTION OF SAMPLE(S):

One (1) style, two (2) pieces of submitted sample (photo attached at Appendix A) said to be:
PULL ALONG SHAPE SORTING TRUCK
ITEM NO.: ET3F01
COUNTRY OF ORIGIN: CHINA
COUNTRY OF DESTINATION: EUROPEAN, USA
SUPPLIER/MANUFACTURER: CARPENTERS MANUFACTORY LIMITED

INVESTIGATION REQUESTED:

1. ASTM Standard Consumer Safety Specification on Toy Safety F 963-11
 - physical and mechanical test
 - flammability test
 - heavy elements test
2. Total lead content in accordance with U.S. CPSC 16 CFR Part 1303.
3. Total lead content in accordance with U.S. Consumer Product Safety Improvement Act of 2008 (Public law 110-314)
 - Sec.101. children's product containing lead; lead paint rule.
4. Phthalates content in accordance with U.S. Consumer Product Safety Improvement Act of 2008 (Public law 110-314)
 - Sec.108. Prohibition on sale of certain products containing specified phthalates.
5. DnHP content in accordance with California proposition 65.
6. Total lead content in accordance with California proposition 65.

DATE OF SAMPLE(S) RECEIVED:

2013-11-27

DATE TESTED:

ASTM F 963-11
- physical and mechanical test: 2013-11-29
- flammability test: 2013-11-29
- heavy elements test: 2013-11-27 to 2013-12-27

U.S. CPSC 16 CFR Part 1303/U.S. Consumer Product Safety Improvement Act of 2008
(Public law 110-314)/California proposition 65
2013-11-27 to 2013-12-27

AGE GRADING:

The sample did not contain an age grade; however, the applicant requested it to be tested according to the age grade of 12 months and up.

Guangzhou Worldwide Standards and Testing Company Limited

110, Dongguanzhuang Road, Tianhe District, Guangzhou, China (Zip Code:510610)
Tel: (8620) 8723 6019 Fax: (8620) 8723 7226 E-mail: gwstc@gwstc.com Homepage: www.gwstc.com

This report shall not be reproduced unless with prior written approval from Guangzhou Worldwide Standards and Testing Company Limited
For Conditions of Issuance of this test report, please refer to the overleaf or homepage.

Please refer to the original test report as this e-report is for reference only!

GWSTC Test Report

Date: 2014-01-02

Page 3 of 8

NO: GP158820

AGE GRADING FOR TESTING:

12 months and up

TEST RESULTS:

1. ASTM F 963-11

1.1 Mechanical and physical hazards

Ref.: ASTM F 963-11

Applicable requirements before and after use and abuse testing:

Applicable

<u>Section</u>	<u>Description</u>	<u>Result</u>
4	<u>Safety requirements</u>	----
4.1	Material Quality	Pass* ¹
4.6	Small Objects	Pass
4.7	Accessible Edges	Pass
4.8	Projections	Pass
4.9	Accessible Points	Pass
4.14	Cords and Elastics in toys	Pass
4.17	Wheels, Tires, and Axles	Pass
5	<u>Safety Labeling Requirements</u>	----
5.2	Age Grading Labeling	* ²
7	<u>Producer's Markings</u>	----
7.1	Name and Address of the Producer/Distributor	* ³

Use and abuse testing:

Applicable

<u>Section</u>	<u>Description</u>
8.5	Normal Use Testing
8.6	Abuse Testing
8.7	Impact Test
8.8	Torque Test for Removal of Components
8.9	Tension Test for Removal of Components
8.10	Compression Test

*¹ = The applicant confirmed the toy was made of new material.

*² = Refer to age grading assessment.

*³ = There were no name and address of producer or distributor required by the standard on the submitted sample.

Guangzhou Worldwide Standards and Testing Company Limited

110, Dongguanhuang Road, Tianhe District, Guangzhou, China (Zip Code:510610)

Tel: (8620) 8723 6019 Fax: (8620) 8723 7226 E-mail: gwstc@gwstc.com Homepage: www.gwstc.com

This report shall not be reproduced unless with prior written approval from Guangzhou Worldwide Standards and Testing Company Limited
For Conditions of Issuance of this test report, please refer to the overleaf or homepage.

Please refer to the original test report as this e-report is for reference only!

GWSTC Test Report

Date: 2014-01-02

Page 4 of 8

NO: GP158820

1.2 Flammability of materials other than textiles
Ref.: ASTM F 963-11 Section 4.2

<u>Sample</u>	<u>The burn rate</u>	<u>Result</u>
PULL ALONG SHAPE SORTING TRUCK	Did not ignite	Pass

Note: In accordance with the FHSA, the burn rate should not be greater than 0.1 in. per second.

1.3 Heavy elements analysis

1.3.1 ASTM F 963-11 Section 4.3.5 - total lead analysis

Method used: ASTM F 963-11 Section 8.3.1

Determined by: Inductively Coupled Plasma-Optical Emission Spectrometer

Paint materials (on dried film) (see Remark 1)

- (a) Bright red (A1Y)
- (b) Orange (A2Y)
- (c) Light yellow (A3Y)
- (d) Dark yellow (A4Y)
- (e) Dark green (A5Y)
- (f) Light blue (A8Y)
- (g) Dark brown (A10Y)
- (h) White (A14Y)

<u>Sample</u>	<u>Result</u>	<u>Limit</u>
(a)~(h)	<5mg/kg	90mg/kg

Textile material (see Remark 4)

- (i) Pull along shape sorting truck: beige string

Wood materials (see Remark 2)

- (j) Pull along shape sorting truck: flesh wood
- (k) Pull along shape sorting truck: light flesh plywood

Metallic material (non-small parts)

- (l) Pull along shape sorting truck: bright silver metal axle

<u>Sample</u>	<u>Result</u>	<u>Limit</u>
(i)~(l)	<10mg/kg	100mg/kg

Guangzhou Worldwide Standards and Testing Company Limited

110, Dongguanzhuang Road, Tianhe District, Guangzhou, China (Zip Code:510610)

Tel: (8620) 8723 6019 Fax: (8620) 8723 7226 E-mail: gwstc@gwstc.com Homepage: www.gwstc.com

This report shall not be reproduced unless with prior written approval from Guangzhou Worldwide Standards and Testing Company Limited
For Conditions of Issuance of this test report, please refer to the overleaf or homepage.

Please refer to the original test report as this e-report is for reference only!

GWSTC Test Report

Date: 2014-01-02

Page 5 of 8

NO: GP158820

1.3.2 ASTM F 963-11 Section 4.3.5 - soluble elements analysis

Method used: ASTM F 963-11 Section 8.3.2

Determined by: Inductively Coupled Plasma-Optical Emission Spectrometer

Coating materials

- (a) Pull along shape sorting truck: bright red (A1Y) (see Remark 2)
- (b) Pull along shape sorting truck: orange (A2Y) (see Remark 2)
- (c) Pull along shape sorting truck: light yellow (A3Y) (see Remark 2)
- (d) Pull along shape sorting truck: dark yellow (A4Y) (see Remark 3)
- (e) Pull along shape sorting truck: dark green (A5Y) (see Remark 3)
- (f) Pull along shape sorting truck: light blue (A8Y) (see Remark 3)
- (g) Pull along shape sorting truck: dark brown (A10Y) (see Remark 3)
- (h) Pull along shape sorting truck: white (A14Y) (see Remark 3)

Textile material (see Remark 4)

- (i) Pull along shape sorting truck: beige string

Wood materials (see Remark 2)

- (j) Pull along shape sorting truck: flesh wood
- (k) Pull along shape sorting truck: light flesh plywood

	<u>(a)~(k)</u>	<u>Limit</u>
Soluble antimony	<2mg/kg	60mg/kg
Soluble arsenic	<2mg/kg	25mg/kg
Soluble barium	<10mg/kg	1000mg/kg
Soluble cadmium	<7mg/kg	75mg/kg
Soluble chromium	<5mg/kg	60mg/kg
Soluble lead	<5mg/kg	90mg/kg
Soluble mercury	<5mg/kg	60mg/kg
Soluble selenium	<10mg/kg	500mg/kg

2. U.S. CPSC 16 CFR Part 1303 & U.S. Consumer Product Safety Improvement Act of 2008 (Public law 110-314) & California proposition 65 - total lead analysis in paint and similar surface coating

Method used: CPSC-CH-E1003-09

Determined by: Inductively Coupled Plasma-Optical Emission Spectrometer

Paint materials (on dried film) (see Remark 1)

- (a) Bright red (A1Y)
- (b) Orange (A2Y)
- (c) Light yellow (A3Y)

Guangzhou Worldwide Standards and Testing Company Limited

110, Dongguanzhuang Road, Tianhe District, Guangzhou, China (Zip Code:510610)

Tel: (8620) 8723 6019 Fax: (8620) 8723 7226 E-mail: gwstc@gwstc.com Homepage: www.gwstc.com

This report shall not be reproduced unless with prior written approval from Guangzhou Worldwide Standards and Testing Company Limited
For Conditions of Issuance of this test report, please refer to the overleaf or homepage.

Please refer to the original test report as this e-report is for reference only!

GWSTC Test Report

Date: 2014-01-02

Page 6 of 8

NO: GP158820

Paint materials (on dried film) (see Remark 1)

- (d) Dark yellow (A4Y)
- (e) Dark green (A5Y)
- (f) Light blue (A8Y)
- (g) Dark brown (A10Y)
- (h) White (A14Y)

<u>Sample</u>	<u>Result</u>	<u>Limit</u>
(a)~(h)	<0.001%	0.009% (90ppm, 90mg/kg)

3. U.S. Consumer Product Safety Improvement Act of 2008 (Public law 110-314) & California proposition 65 - total lead analysis in non-surface coating materials

Method used: CPSC-CH-E1002-08.1

Determined by: Inductively Coupled Plasma-Optical Emission Spectrometer

Textile material (see Remark 2)

- (a) Pull along shape sorting truck: beige string

Wood materials (see Remark 2)

- (b) Pull along shape sorting truck: flesh wood
- (c) Pull along shape sorting truck: light flesh plywood

Metallic material (non-small parts)

- (d) Pull along shape sorting truck: bright silver metal axle

<u>Sample</u>	<u>Result</u>	<u>Limit</u>
(a)~(d)	<10mg/kg	100mg/kg (0.01%, 100ppm)

4. U.S. Consumer Product Safety Improvement Act of 2008 (Public law 110-314) & California proposition 65 - phthalates analysis (as per client's request) (see Remark 5)

Method used: CPSC-CH-C1001-09.3

Determined by: Gas Chromatograph-Mass Spectrometry

For children's toys that can be placed in children's mouth or child care article

Paint materials (on dried film) (see Remark 1)

- (a) Bright red (A1Y)
- (b) Orange (A2Y)
- (c) Light yellow (A3Y)
- (d) Dark yellow (A4Y)
- (e) Dark green (A5Y)
- (f) Light blue (A8Y)
- (g) Dark brown (A10Y)
- (h) White (A14Y)

Guangzhou Worldwide Standards and Testing Company Limited

110, Dongguanzhuang Road, Tianhe District, Guangzhou, China (Zip Code:510610)

Tel: (8620) 8723 6019 Fax: (8620) 8723 7226 E-mail: gwstc@gwstc.com Homepage: www.gwstc.com

This report shall not be reproduced unless with prior written approval from Guangzhou Worldwide Standards and Testing Company Limited
For Conditions of Issuance of this test report, please refer to the overleaf or homepage.

Please refer to the original test report as this e-report is for reference only!

GWSTC Test Report

Date: 2014-01-02

Page 7 of 8

NO: GP158820

Textile material (see Remark 4)

(i) Pull along shape sorting truck: beige string

Wood materials (see Remark 2)

(j) Pull along shape sorting truck: flesh wood

(k) Pull along shape sorting truck: light flesh plywood

Short form	Full name	(a)~(k)	Limit for CPSIA
(DEHP)	Di (2-ethylhexyl) phthalate	<0.01%	0.1%
(BBP)	Butyl benzyl phthalate	<0.01%	0.1%
(DBP)	Di-butyl phthalate	<0.01%	0.1%
(DINP)	Di-iso-nonyl phthalate	<0.01%	0.1%
(DIDP)	Di-iso-decyl phthalate	<0.01%	0.1%
(DnOP)	Di-n-octyl phthalate	<0.01%	0.1%
Short form	Full name	(a)~(k)	Limit for California proposition 65
(DnHP)	di-n-hexyl phthalate	<0.01%	0.1%

Remark 1:

The test results are transferred from the test report GP158734 which issued on 2013-11-26.

Remark 2:

The test results are transferred from the test report GP158737 which issued on 2013-11-29.

Remark 3:

The test results are transferred from the test report GP158771 which issued on 2013-12-18.

Remark 4:

The test results are transferred from the test report GP158857 which issued on 2013-12-23.

Remark 5:

The California proposition 65 for DnHP content is not covered by the CNAS accreditation.

Guangzhou Worldwide Standards and Testing Company Limited

110, Dongguanzhuang Road, Tianhe District, Guangzhou, China (Zip Code:510610)

Tel: (8620) 8723 6019 Fax: (8620) 8723 7226 E-mail: gwstc@gwstc.com Homepage: www.gwstc.com

This report shall not be reproduced unless with prior written approval from Guangzhou Worldwide Standards and Testing Company Limited
For Conditions of Issuance of this test report, please refer to the overleaf or homepage.

Please refer to the original test report as this e-report is for reference only!

GWSTC Test Report

Date: 2014-01-02

Page 8 of 8

NO: GP158820

Appendix A



PHOTOGRAPH(S) OF THE SAMPLE

***** End of Document *****

Guangzhou Worldwide Standards and Testing Company Limited

110, Dongguanzhuang Road, Tianhe District, Guangzhou, China (Zip Code:510610)

Tel: (8620) 8723 6019 Fax: (8620) 8723 7226 E-mail: gwstc@gwstc.com Homepage: www.gwstc.com

This report shall not be reproduced unless with prior written approval from Guangzhou Worldwide Standards and Testing Company Limited
For Conditions of Issuance of this test report, please refer to the overleaf or homepage.

Please refer to the original test report as this e-report is for reference only!

签发测试报告的条款

Conditions of Issuance of Test Reports

1. 广州环宇标准及检测技术有限公司（以下简称「本公司」）为提供符合下述条款的测试和报告，而接受有关样品和货品。本公司基于下述条款提供服务，下述条款为本公司与申请服务的个人、企业或公司（以下简称「客户」）的协议。
All samples and goods are accepted by The Guangzhou Worldwide Standards and Testing Co. Ltd (the “Company”) solely for testing and reporting in accordance with the following terms and conditions. The Company provides its services on the basis that such terms and conditions constitute express agreement between the Company and any person, firm or company requesting its services (the “Clients”).
2. 由此测试申请所发出的任何报告（以下简称「报告」），本公司会严格地为客户保密。未经本公司书面同意，报告的整体或部分不得复制，也不得用于广告或非授权的其它用途。然而，客户可以将本公司印制的报告或认可的副本，向其客户、供货商或直接相关的其它人出示或提交。除非相关政府部门、法律或法院要求，否则未经客户同意，本公司不得就报告内容向任何第三方讨论或披露。
Any report issued by the Company as a result of this application for testing services (the “Report”) shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to his customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
3. 除非相关政府部门、法律或法院要求，否则未经本公司预先书面同意，本公司毋须，也无义务到法院对有关报告作证。
The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
4. 除非由本公司进行抽样，并已在报告中说明，否则报告只适用于送测的样品，不适用于批量。
The Report refers only to the sample tested and does not apply to the bulk, unless the sampling has been carried out by the Company and is stated as such in the Report.
5. 如本公司确定报告被不当地使用，本公司保留撤回报告的权利，并有权要求其它适当的额外赔偿。
In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
6. 本公司接受样板进行测试的前提是，该测试报告不能作为针对本公司法律行动的依据。
Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
7. 如因使用本公司中心任何报告内的资料，或任何传播信息所描述与之有关的测试或研究导致的任何损失或损害，本公司概不负责。
The Company will not be liable for or accept responsibility for any loss or damage howsoever arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
8. 若需要在法院审理程序或者仲裁过程中使用测试报告，客户必须在提交测试样品前将该意图告知本公司。
Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
9. 该测试报告的支持数据和信息本公司只保存3年。个别评审机构有特别地要求的，检测数据和报告的保存期限可依情况变动。一旦超过上述提及的保存期限，数据和信息将被处理掉。任何情况下，本公司不必提供任何被处理的过期数据或信息。即使本公司事先被告可能会发生相关损害，本公司在任何情况下也不必承担任何损害，包括（但不限于）补偿性赔偿、利润损失、数据遗失、或任何形式的特殊损害、附带损害、间接损害、从属损害或任何因违反约定、违反承诺、侵权（包括疏忽）、产品责任或其它原因产生的惩罚性损害。
Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of this test report for a period of three years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after the retention period. Under no circumstances shall we be liable for damages of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.
10. 报告的签发记录可通过登陆网站www.gwstc.com查询。如需进一步查询报告的有效性或核实报告，需与本公司联系。
Issuance records of the Report are available on the internet at www.gwstc.com. Further enquiry of validity or verification of the Reports should be addressed to the Company.